



306 S 17th Ave
Marshalltown, IA 50158

phone (641) 752-3930
teamtsp.com

Addendum #1

Marshall - Marshalltown - Minneapolis - Rochester - Omaha - Rapid City - Sheridan - Sioux Falls

PROJECT:	ADDENDUM NO.	001
IVH Sheeler – Loftus Remodel		
Iowa Veterans Home	DATE ISSUED:	11/15/2017
1301 Summit Street, Marshalltown, IA 50158	BIDS DUE:	11/30/2017 (Revised Date)
DAS # 8950.00		

TSP PROJECT NUMBER: 06-170221.00

The following clarifications, modifications and/or additions are issued to extend, supplement, clarify, or modify Bidding and Contract Requirements as contained in the Bidding and Contract Documents as originally issued. The clarifications, modifications, deletions and/or additions contained herein shall take precedent over drawings, specifications and previously issued addenda. All requirements of the originally issued Bidding and Contract Documents or previous Addenda, which are not specifically altered by this Addendum, shall remain in full force and effect.

The Contractor shall acknowledge receipt of this Addendum as provided for on Document 00 41 16 – Bid Form.

A. GENERAL ITEMS:

ITEM NO. 1: Pre-Bid Meeting and Building Tour

- a. **Reference:** Specifications Section 00 11 13 – Notice to Bidders
- b. **Description:**
 - 1) The Pre-Bid Conference was held at the site at the IVH Whitehall Auditorium, Iowa Veterans Home, 1301 Summit Street, Marshalltown, Iowa 50158 on Tuesday, November 14, 2017 – 2:00 p.m. Significant items of discussion are included in this subsequent Addendum.
 - 2) See Attendance Sheet to Pre-Bid Conference attached.
 - 3) See Minutes of Pre-Bid Conference attached.

ITEM NO. 2: Date and Time for Receipt of Bids:

- a. **Reference:** Project Manual Cover, Document 00 01 01 – Title Sheet, Document 00 11 13 – Notice to Bidders
- b. The Date and Time for the Receipt of Bids shall be as follows:
Thursday, November 30, 2017 – 2:00 pm in lieu of Tuesday, November 21, 2017 at 1:00 pm as originally scheduled.

ITEM NO. 3: Revised Project Schedule:

- a. **Reference:** Specifications Section 00 31 13 – Preliminary Schedule
- b. **Description:** See attached revised Preliminary Schedule

ITEM NO. 4: Allowances - Clarification:

- a. **Reference:** Specifications Sections 01 12 00 – Contract Summary, 01 21 00 – Allowances
- b. **Description:** Bid Package 03 – Masonry shall include Allowance #01 Sheeler Brick Repair per Section 01 21 00 – Allowances.

ITEM NO. 5: Unit Prices:

- a. **Reference:** Document 00 41 16 – Bid Form, Specifications Sections 01 12 00 – Contract Summary, 01 22 00 – Measurement and Payment (Unit Prices).
- b. **Description:**
 - 1) Bid Package 03 – Masonry shall include Unit Prices #1 – Additional Brick Replacements and #2 Additional Tuckpointing per Section 01 22 00 – Measurement and Payment (Unit Prices).



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- 2) Paragraph 3.1.B.1.d - Unit Price #1 shall read, "The Contractor shall state the amount for Removal and Replacement of additional damaged existing face brick on the Document 00 41 16 – Bid Form."
- 3) Paragraph 3.2.B.1.d - Unit Price #1 shall read, "The Contractor shall state the amount for Tuckpointing of additional damaged existing face brick head and bed mortar joints on the Document 00 41 16 – Bid Form."
- 4) Unit prices #1 and #2 may be used to adjust Allowance #01 for quantities not consumed as credit to the Owner.

ITEM NO. 6: Hazardous Materials Survey

- a. **Reference:** Specifications Section 02-82-13 – Asbestos Abatement
- b. **Description:** See Hazardous Materials Survey Report attached.

B. CIVIL ITEMS: No Items

C. STRUCTURAL ITEMS: No Items

D. ARCHITECTURAL ITEMS:

ITEM NO. 1: Clarification of Alternates – Drawing Sheet AD-101 Keynote 15:

- a. **Reference:** Specification Section 01 23 00 – Alternates; Drawings Sheet AD-101 D3emolition Plan
- b. **Description:** On Drawing Sheet AD-101 Keynote 15 shall be changed to read: "Under Alternate 2, Demo existing suspended ceiling."

ITEM NO. 2: Existing Sun Shades and Access to Masonry Work:

- a. **Reference:** Sections 00 31 19 – Existing Conditions, 00 31 19.10 – Existing Conditions Photographs, 01 12 00 – Contract Summary, 04 01 20 – Brick Masonry Repair, Section 09 91 13 – Exterior Painting, Drawings Sheet A-201 – Building Elevations
- b. **Description:** Preceding masonry work relating to re-roofing and roof edge masonry work has indicated it may be necessary to remove and temporarily store existing aluminum Sun Shades as to allow access to perform masonry cleaning, repair and tuckpointing. Sun shades to be carefully removed, labeled and re-installed in original locations at the conclusion of the masonry work. Lawns shall be protected from damage from lifts and scaffolding. Any damage due to construction activities shall be repaired.

ITEM NO. 3: Masonry Cleaning – Clarification

- a. **Reference:** Specification Section 04 01 10 – Masonry Cleaning; Drawings Sheet A-201 Building Elevations
- b. **Description:** It is intended that the face brick, Concrete Column and Concrete Spandrel Beams be cleaned per Section 04 01 10 in conjunction with tuckpointing and other masonry repairs. New brick shall match existing brick as cleaned, new mortar shall match existing mortar as cleaned.

ITEM NO. 4: Spacing of Brick Vents – Clarification:

- a. **Reference:** Section 04 21 13 – Brick Masonry; Drawings Sheet A-201 Building Elevations
- b. **Description:** It is intended that new brick vents per Section 04 01 10 be installed in existing brick weep holes which are 24" o.c. in lieu of 32" o.c. per General Note "B" Sheet A-201. The existing brick weep holes to be cleared of debris and drilled out to accept new cylindrical brick vents as specified.

ITEM NO. 5: Quantity of Brick Vent Locations Including Relieving Angles – Clarification

- a. **Reference:** Section 04 21 13 – Brick Masonry; Drawings Sheet A-201 Building Elevations



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- b. **Description:** The full height brick panels at the East Elevation, West Elevation and center portion of the North Elevation include steel relieving angles at waffle slab spandrel beams at Second and Third Floor. These steel relieving angles include existing brick weep holes 24" o.c.. The existing brick weep holes to be cleared of debris and drilled out to accept new cylindrical brick vents as specified in Section 04 21 13.

ITEM NO. 6: Steel Angle Brick Lintels – Scope of Work Clarification

- a. **Reference:** Sections 00 31 19 – Existing Conditions, 00 31 19.10 – Existing Conditions Photographs, 01 12 00 – Contract Summary, 04 01 20 – Brick Masonry Repair, Section 09 91 13 – Exterior Painting, Drawings Sheet A-201 – Building Elevations, Supplemental Drawing ASI 01 – Steel Angle Brick Lintel as attached.
- b. **Description:** As part of the Masonry Repair work the steel angle brick ledges at window and other openings shall be cleaned, prepped and re-painted. See Supplemental Drawing ASI 01 – Steel Angle Brick Lintel as attached.

ITEM NO. 7: Caulking at CIP Concrete Columns – Scope of Work Clarification

- a. **Reference:** Sections 00 31 19 – Existing Conditions, 00 31 19.10 – Existing Conditions Photographs, 01 12 00 – Contract Summary, 04 01 20 – Brick Masonry Repair, Section 07 92 00 – Joint Sealants, Drawings Sheet A-201 – Building Elevations, Supplemental Drawing ASI 02 – Brick / Column Plan Detail (Sealant Locations) as attached.
- b. **Description:** Upon completion of masonry cleaning, masonry repair and tuckpointing, the vertical joint between brick panels and CIP Concrete Columns shall be cleaned raked and caulked per Section 07 92 00. Existing vertical masonry control and expansion joints, including the one shown on the north elevation, shall be cleaned raked and caulked per Section 07 92 00. Sealants to match cleaned and cured masonry mortar.

E. MECHANICAL ITEMS: No Items

F. ELECTRICAL ITEMS:

ITEM NO. 1: Reference Drawing EL101 “Lighting Plans – Sheeler & Loftus”

- a. Change Catalog Series for A1 to ‘HPRLED-A-2X4-DCO-B-835-120V-SC-C1’.
- b. Change Catalog Series for B1 to ‘HPRLED-A-2X2-DCO-S-835-120V-SC-C1’.
- c. Change Catalog Series for W1 to ‘ALV25052000L30SND2’.

G. BIDDER QUESTIONS AND ANSWERS:

ITEM NO. 1: Do you have an asbestos report for the flooring project?

- a. Reference ATC hazardous materials report issued with this addendum.

ITEM NO. 2: Is there any asbestos removal for this project at the Iowa Veterans Home?

- a. Yes, there is asbestos removal on the Sheeler & Loftus Remodel. See Section 02 82 13.

ITEM NO. 3: On sheet AD101, does note 14 apply to note 19 in Sheeler for the ceramic tile floor? (Does BP#1 or BP#2 take it out?).

- a. BP #1 is to removal the ceramic tile as per note #14 on AD101.

ITEM NO. 4: Where exactly will the temporary partitions be required? What type of construction will they need to be?

- a. Temporary partition location and construction will be issued in addendum #2.

ITEM NO. 5: Is the basement work going to require door core changes? Or what is the quantity required for the temporary cores?

- a. No, the basement work will not require door core changes. Refer to item #3L under BP #2 for quantity of cores.



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- ITEM NO. 6:** Will the ceilings in the basement need to be removed and reinstalled by BP#2 for the plumber?
- a. No, the removal and the replacement of ceiling for sanitary sewer replacement is part of BP #7.
- ITEM NO. 7:** Any idea where they are going to plant the dumpster?
- a. Dumpster location will be issued in addendum #2.
- ITEM NO. 8:** Can you tell me what the budget is for the GC package?
- a. No, breakdown by bid package will not be provided. The construction budget for the project is \$1.1 million.
- ITEM NO. 9:** Can we combine bid packages?
- a. Yes.
- ITEM NO. 10:** Where exactly will the temporary partitions be required? What type of construction will they need to be?
- a. Temporary partition location and construction will be issued in addendum #2.
- ITEM NO. 11:** Which bid package is to procure and install the interior signage as per spec section 101416?
- a. Interior signage will be assigned to a Bid Package in Addendum 2:

APPROVALS:

The following manufacturers and products have been approved for bidding. Final acceptance is contingent upon receipt and approval of final shop drawings/submittals. Manufacturers shall conform to all warranties, performances, sizes, materials, etc. as the item specified. The burden of proof of the merit of the proposed substitution is upon the proposer. Items shown in **bold type** are new as of this Addendum, items shown in normal type are from previous Addenda.

<u>Section</u>	<u>Product</u>	<u>Manufacturer</u>
26 51 00	Type A1, B1	Coronet
26 51 00	Type E1	Emergi-lite
26 51 00	Type W1	ASL, Columbia
23 37 13	Diffusers, Registers, and Grilles	Anemostat

ATTACHMENTS:

General Items:

- Pre-Bid Conference Attendance Sheet
- Pre-Bid Conference Minutes
- Hazardous Materials Survey Report

New Specifications:

- None

Re-Issued Specifications:

- Attached Revised Document 00 41 16 – Bid Form
- Attached Revised Section 00 31 13 – Project Schedule

Revised Drawings:

- None

Supplemental Drawings:

- Attached Supplemental Drawing ASI 01 – Steel Angle Brick Lintel
- Attached Supplemental Drawing ASI 02 – Brick / Column Plan Detail (Sealant Locations)



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Bidding Documents may be ordered and Current Plan Holders List may be viewed at www.rapidsrepro.com or by contacting Rapids Reproductions at 515-251-3222 beginning Monday, November 6, 2017.

Issued by,
TSP, Inc.

David D. Schulze, AIA

Encl.: As Noted Above

Cc: All Plan Holders, All Plan Centers, Design Team, IVH, DCI

END OF ADDENDUM 01

DAS Project Name: IVH – Sheeler & Loftus Remodel

Meeting Purpose: Pre-Bid Meeting

Date: 11/14/2017

Attendees

In Attendance (Initial)	Name	Company	Phone Number	E-Mail Address	Attended by Phone
	Michael Steen	DCI Group	515-975-8348	MichaelS@dcigroupia.com	
	David Hokel	DCI Group	515-979-3187	DavidH@dcigroupia.com	
MM	Michael Martin	DCI Group	515-393-1851	MichaelM@dcigroupia.com	
	Scott Gustafson	DAS	(515) 725-1213	Scott.Gustafson@iowa.gov	
KC	Karen Connell	IVH	641-844-6358	Karen.Connell@ivh.state.ia.us	
	Brad VanBaale	IVH	641-750-0039	Bradley.VanBaale@ivh.state.ia.us	
DU	Denise Ulery	IVH	641-758-9196	denise.ulery@ivh.state.ia.us	
DH	David Haines	IVH	(641) 750-4347	david.haines@ivh.state.ia.us	
DS	✓ David Schulze	TSP	(641) 751-9910	schulzedd@teamtsp.com	
JK	Rob Jorgensen	ESA	(515) 284-0401	rob.jorgenson@esasite.com	
KM	KENDALL MEYERAAN	GARLING CONST	(319) 444-3409	kmeyeraan@garlingconstruction.com	
DB	DAVE BEENEN	AJA	515 222 1998	DAVEB@AJALLEN.COM	
ADR	ADAM RICHARDSON	AJA	515 222 2237	ADAMR@AJALLEN.COM	
AA	ANDY HINES	ECCO MIDWEST	651 600-8636	AHINES@ECCOMIDWEST.COM	

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In Attendance (Initial)	Name	Company	Phone Number	E-Mail Address	Attended by Phone
JL	Jay Llewellyn	AETA	319-287-4447	jay.llewellyn@advancedmidwest.com	
LH	Lee Heller	Ahern	515-343-4591	lheller@ahernfire.com	
SH	STEVE HAY	HAY CONSTRUCTION	641-752-3551	JOHN@HAYCONST.COM	
PP	Pat Prince	controlled Asbestos	515-246-2070	pvince@insulation.com	
B.H.	BILL HULAN JR.	MIDWEST SPE	515 250 2045		
DS	Doug Spurgeon	Cunningham Inc	641-660-0182	dspurgeon@cunninghaminc.com	
W	MARK W LOEBERS	BiSTATE Masonry	503 271 2459	MARK@BSMQC.COM	
CF	Chris Farver	Moehl Millwork	41-275-0192	Farver@MoehlMillwork.com	
EP	Evan Powers	Allied Construction	515-288-4855	epowers@alliedconst.com	
BT	Brad Tonyan	DAS	515-360-7718	brad.tonyan@iowa.gov	
	TODD SNOW	EVANS MASONRY	217-522-3396	TODD@EVANS-MASON.COM	

IVH Sheeler & Loftus Remodel
DAS 8959.00

Pre-Bid Meeting Minutes: November 14th, 2017 –10:00 AM CDT

Owner/DAS/CM Team Introductions:

Construction Manager – DCI Group
Architect – TSP
Iowa Department of Administrative Services (DAS)
Iowa Veterans Home
DAS Purchasing Agent – Randall Stapp

General Project Description/Overview:

This Project consists of the remodel of the Sheeler building main entry, resident room conversion to office space in Loftus 1st floor, asbestos flooring removal, ceiling replacement, ADA restrooms construction, nurse call integration, window coverings, tuckpointing of Sheeler building, misc. cast iron piping replacement Sheeler/Loftus basement and 1st floor, and Sheeler area well roof replacement.

Bid Packages:

- 1) BP #1 Abatement
- 2) BP #2 – General Construction
- 3) BP #3 – Masonry
- 4) BP #4 – Finishes
- 5) BP #5 – Fire Sprinkler
- 6) BP #6 – Electrical & Technology
- 7) BP #7 – Mechanical

Base Bid:

- 1) Remodel resident rooms in Loftus 1st floor, Sheeler main entry remodel, tuckpointing, misc. cast iron replacement, Sheeler area well roof replacement, nurse call integration, and ADA restrooms construction.

Alternates:

- 1) Loftus center corridor flooring abatement/replacement.
- 2) Sheeler corridor ceiling replacement.

Unit Prices:

- 1) Additional asbestos flooring and mastic abatement– Per SF **It was discussed during the pre-bid meeting that it may be difficult to provide a sf price. The bid form will be revised to provide a cost per 100sf of vct and mastic.**
- 2) Additional mobilization for asbestos removal – Per remobilization

Tour – Lead by DCI Group and IVH at conclusion of meeting.

Bid Package Process:

Overview of Instructions to Bidders – DCI Group

PROPOSALS DUE: November 21th, 2017 by 1:00 PM – **During the pre-bid meeting it was brought up that the current bid date is the same day as multiple projects around the metro. A revised bid date will be issued with addendum #1.**

MAKE SURE IT IS SUBMITTED TO DAS AS THE REQUEST FOR PROPOSALS READS

IVH Sheeler & Loftus Remodel
DAS 8959.00

1. Proposal Process

- a. All questions after this meeting and prior to 1:00 PM November 16th, 2017 to be submitted to Randall Stapp at randall.stapp@iowa.gov. Do not contact DAS, TSP, IVH, or DCI Group directly for questions. -Final questions deadline will be revised via addendum #1.

2. Schedule

- a. An addendum will be issued via Rapids Reproduction and DAS Procurement with the Pre-Proposal Meeting Minutes on or before November 15th, 2017.
- b. A final addendum will be issued no later than November 17th, 2017 by 1:00 PM CST or no later than 48 hours prior to proposals being due. -Final addendum deadline will be revised via addendum #1.
- c. Proposals due Tuesday, November 21st, 2017 by 1:00 PM CST. -Bid date will be revised via addendum #1.
- d. Tentatively an NOI will be issued by November 22nd, 2017. -NOI will be revised via addendum #1.
- e. Anticipated construction work to take place December 2017 through June 2018 pending accepted alternates.
 - i. A scheduling meeting will be held shortly after execution of contracts to further develop the construction schedule. All prime contractors, subcontractors, and key suppliers shall attend.
 - ii. One week prior to this meeting, contractors shall provide a preliminary schedule of their activities and activities of their subcontractors with durations and sequencing.

Scope of Work:

3. Administrative

- a. This RFB will result in one successful proposal per bid package. – There are 7 bid packages currently.
- b. This project will **NOT** require adherence to Davis Bacon Prevailing Wage.
- c. EADOC project management software – provided at no cost to contractors
- d. Pre-construction meetings and submittals.
 - i. Prime contractors shall submit a submittal schedule within five business days of receipt of Owner/Prime Contractor Agreement. See section 01 1200 for requirements. A template with A/E identified submittals will be provided to contractors.

4. Construction

- a. All OSHA required fall protection shall be provided and used at all times.
- b. All areas as required will be barricaded to limit access and protect the public.
- c. All areas shall be clean and put back to existing conditions prior to substantial completion.
- d. Staging and storage of materials.
- e. Contractor shall maintain accurate as-built construction records throughout the project.
- f. Daily logs/Weekly Report/Safety Meetings and meeting requirements. Bi-weekly OAC meetings and daily foreman's meeting will be mandatory. If needed a managers meeting will be conducted on the opposite week of the OAC meeting to review schedule, open issues, and administration items.
- g. Onsite supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.

IVH Sheeler & Loftus Remodel
 DAS 8959.00

5. Close Out
 - a. Provide complete, clean, and legible copies of the as-built construction records to DCI Group upon completion of work. Electronic and hard copies of all O&M's and as-built drawings to be submitted. Refer to spec. section 01 7700 – Closeout Procedures for more details.

IVH Worksite Rules:

1. All personnel to check in at the Loftus building switchboard each morning to receive contractor's badges and check them back in at the end of each work day.
2. David Hokel (Senior Superintendent) and Michael Martin (Project Engineer) with DCI Group will be onsite and your main point of contact.
3. An IVH representative will assist in moving furniture and gaining access to occupied areas where applicable.
4. IVH will tag out the system each day in the areas work is being performed.
5. All tools, ladders, materials, and equipment should be in constant view. If a contractor is working above ceiling all tools etc. should be locked and stored away or another employee should be in the area to watch all tools etc.
6. Do not allow residents to follow you into construction areas.
7. It is of the upmost importance to show respect and courtesy to all residents and staff at all times.
8. Clean all debris, materials, and bring all finishes back to existing conditions in the area they were working in prior to moving to the next area.
9. All work should be fully completed in one area prior to moving to the next or leaving for the day.
10. No smoking or smokeless tobacco use onsite

Open Discussion:

1. Sample certificate of liability insurance in spec section 00-21-33 has amounts not typical to DAS jobs. Are we to provide the coverages listed on the sample? The certificate include in the specs is only a sample and contractors are to reference section 10 of the ConsensusDocs 802 for policy requirements and amounts. Included in spec section 00-52-00.
2. Who is responsible for the ceiling removal/replacement at the salinity sewer piping replacement? Bid package #7 (Mechanical is responsible).
3. Spec section 01-21-00 Allowances calls out quantity allowances for brick repair, but unit prices is not listed on the bid form. The bid form will be reissued with addendum #1.
4. Provide clarification on level of masonry cleaning identified in spec section 04-01-10. – Refer to clarification in addendum #1.
5. Brick is a standard size which may require a special run to match existing brick size/color. Masonry work is anticipated to take place in the spring.
6. Contractor is responsible to document existing conditions and provide documentation to CM prior to performing work.
7. Under BP#2 item 3F the alternate should be alt. #2 in lieu of #1.
8. Rooms in Loftus will be cleared of furniture and misc. stored materials by the Owner prior to construction.
9. Sprinkler heads are to be turned up to provide sufficient coverage to meet code.
10. Phasing plan and location of temporary barriers will be issued with addendum #2.

SECTION 00 4116

BID FORM

RFB # 0218335012

BID FORM for CONSTRUCTION CONTRACT
for
Iowa Veterans Home
1301 Summit Street, Marshalltown, Iowa
Project 8959.00

Iowa Department of Administrative Services
GSE-Central Procurement Bureau
Hoover State Office Building, Level 3
1305 East Walnut Street
Des Moines, Iowa 50319-0105

The following documents are to be completed and submitted with your bid.

1. Bid Proposal Form (Required)
2. Non Discrimination Clause Form
3. Contractor Targeted Small Business Enterprise Pre-Bid Contract Information Form
4. Bid Security – 5% of total Bid amount (Is to be submit in separate envelope) (Required)

Authorized Representative:

The undersigned Bidder, in response to your Request for Bid for construction of the above project, having examined the Drawings, Specifications, and other Bidding Documents dated October 25th, 2017, and Addenda issued and acknowledged below as received and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor, hereby proposes to furnish all labor, materials, equipment and supplies to perform all work to construct the project in strict accordance with the proposed Contract Documents, within the time and at the prices stated below. Prices are to cover all expenses incurred in performing the work required under the proposed Contract Documents, of which this bid is a part.

Bidder acknowledges receipt of the following Addenda which are a part of the Bidding Documents and for which any effect on cost of the Work is included in the bid amounts indicated:

Number _____

Dated _____

Note that the State of Iowa is exempt from State and Local sales and use taxes (including local option and school option) for this project. Taxes on construction materials shall NOT be included in the bid amounts.

Amounts shall be indicated in both words and figures. In case of discrepancy, the amount indicated in words shall govern.

BID PACKAGES:

Bid Package #01 – Abatement

Description: Demolition and disposal of asbestos flooring/mastic at Sheeler entry and Loftus as indicated in the drawings and specifications.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____).

Bid Package #02 – General Construction

Description: General demolition, temporary partitions/facilities, concrete patching, Sheeler area well re-roof, interior signage, countertops, restroom accessories, store fronts, fire extinguishers, window shades, casework, doors/hardware, and final clean

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____).

Bid Package #03 –Masonry

Description: Tuck-pointing, brick replacement, and weep installation at the Sheeler building.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____).

Bid Package #04 – Finishes

Description: Framing, drywall, acoustical ceilings, interior painting, joint sealants, tiling, flooring, and wall protection.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____).

Bid Package #05 –Fire Sprinkler

Description: Relocation of existing sprinkler heads during construction and installation of new concealed heads in new ceiling tile.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____).

Bid Package #6 – Electrical & Technology

Description: Temporary lighting, demolition of existing electrical/technology, new wiring, new fixtures, and reinstallation of fire alarm devices.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$_____).

Bid Package #07 – Mechanical

Description: Demolition of mechanical devices such as med gas ductwork, piping, etc. Relocation of ductwork or piping as needed for cast iron replacement. Installation of new devices in ceiling grid, piping, and ductwork/devices.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$_____).

ALTERNATES:

ALT #01 – Loftus Center Corridor Flooring Replacement

Description: Removal of asbestos containing flooring/mastic and replacement with new LVT-1 as identified in the drawings and specifications as alternate #1.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$_____).

ALTERNATES:

ALT #02 – Sheeler Corridor Ceiling Replacement

Description: Demolition of existing suspended ceiling/devices and installation of new as identified in the drawings and specifications as alternate #2.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$_____).

UNIT PRICES:

UNIT PRICE #01 – Additional Asbestos Flooring and Mastic SQFT Removal

Description: Provide additional square foot price for additional asbestos flooring and mastic removal.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$_____) per 100 sqft.

UNIT PRICE #02 – Additional Mobilization

Description: Provide additional cost for remobilization.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____) per remobilization.

UNIT PRICE #03 – Additional Brick Replacements

Description: Provide unit price for brick removal and replacement.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____) per brick.

UNIT PRICE #04 – Tuck-pointing

Description: Provide LF price for additional tuck-pointing.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____) per LF.

UNIT PRICE #05 – Masonry re-caulking

Description: Provide LF price for additional masonry re-caulking.

Bidder proposes and agrees to perform all work as described in the Construction Documents for the sum of: _____ Dollars
(\$ _____) per LF.

Bidder hereby certifies that:

1. This bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm or corporation;
2. Bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain any advantage over any other bidder or over the Owner.
3. Bidder hereby certifies that the Bidder is registered with the Iowa Labor Commissioner as a Contractor as required by Chapter 91C, Code of Iowa.
4. Bidder agrees to comply with all Federal and State Affirmative Action/Equal Employment Opportunity requirements concerning fair employment and will not discriminate between or among them by reason of race, color, religion, sex, national origin or physical handicap.
5. All construction under this Contract shall conform to the requirements of the *Iowa State Building Code*.
6. Bidder agrees that this bid shall remain valid and shall not be withdrawn for a period of thirty (30) calendar days after the date for receipt of bids.
7. Bidder agrees that if written notice of acceptance of this bid is mailed, emailed, or delivered to the undersigned within thirty (30) days after the date in which bids are due, or at any time thereafter before it is withdrawn, the undersigned will sign and return the Contract Agreement, prepared in accord with the Bidding Documents and this bid as accepted; and will also provide proof of insurance coverage and required surety bonds.
8. Bidder understands that the Owner reserves the right to reject any and all bids, and to waive irregularities or informalities and enter into a contract for the work, as the Owner deems to be in the best interest of the State.

9. Bidder understands that the Owner reserves the right to accept any, or no, Alternate Bid, if requested, and that the Alternate Bids may be considered in any order or combination, and the low Bidder shall be determined on the basis of the sum of the base bid and any Alternate(s) accepted.

Subcontractors:

The Trade Contractor must identify all Subcontractors and Suppliers within 48 hours of the published date and time for which bids must be submitted, in accordance with Iowa Code Section 8A311, as amended by House File 646 in 2011. Subcontractors and suppliers may not be changed without the approval of the Owner. Requests for changing a Subcontractor or supplier must identify the reason for the proposed change, the name of the new Subcontractor or supplier, and the change in the subcontractor or supplier price as a result of the change. Any reduction in subcontractor or supplier price as a result of the change, if the change is approved by the Owner, shall be deducted from the Trade Contract Price via a deductive Change Order. Any such changes, if approved by the Owner, which result in an increase in the Trade Contract Price shall be borne by the Trade Contractor.

Enforcement of Reciprocal Resident Bidder Preference, per Iowa Code 73A.21.

All bidders shall either check the box next to "Resident Bidder" or check the box next to "Nonresident Bidder" and by doing so and signing thereafter certifies and attests to the same. All information requested must be provided. Seek out the advice of an attorney if you have questions.

"Resident Bidder" means a person or entity authorized to transact business in of the State of Iowa and having a place of business for transacting business within the State of Iowa at which it is conducting and has conducted business for at least three years prior to the date of the first advertisement for the public improvement. Note, however, that if a nonresident bidder's state or foreign country has a more stringent definition of a resident bidder, the more stringent definition is applicable as to bidders from that state or foreign country.

Resident Bidder

☐

Name of Resident Bidder: _____

By: _____
Authorized Agent and Signatory of Resident Bidder

OR:

Nonresident Bidder

☐

Name of Nonresident Bidder: _____

Name of State or Foreign Country of Nonresident Bidder: _____

Particularly identify and describe any preference, labor preference, or any other type of preferential treatment, in effect in the nonresident bidder's state or foreign country at the time of this bid:

NOTICE: Nonresident Bidders domiciled in a state or country with a resident labor force preference shall make and keep, for a period of not less than three years, accurate records of all workers employed on the public improvement. The records shall include each worker's name, address, telephone number when available, social security number, trade classification, and the starting ending time of employment.

By: _____
Authorized Agent and Signatory of Nonresident Bidder

Bid Form shall be signed by an officer of the company with authority to bind in a contract.
Notice of acceptance of this bid, or request for additional information by the Department of Administrative Services, may be addressed to the undersigned at the address set forth below:

Legal Name of Firm: _____

Date: _____

Signature of Bidder: _____

Title: _____

Typed Name of Signatory: _____

Email: _____

Business Address:

Telephone Number: _____ Fax Number: _____

Federal Tax Identification Number: _____

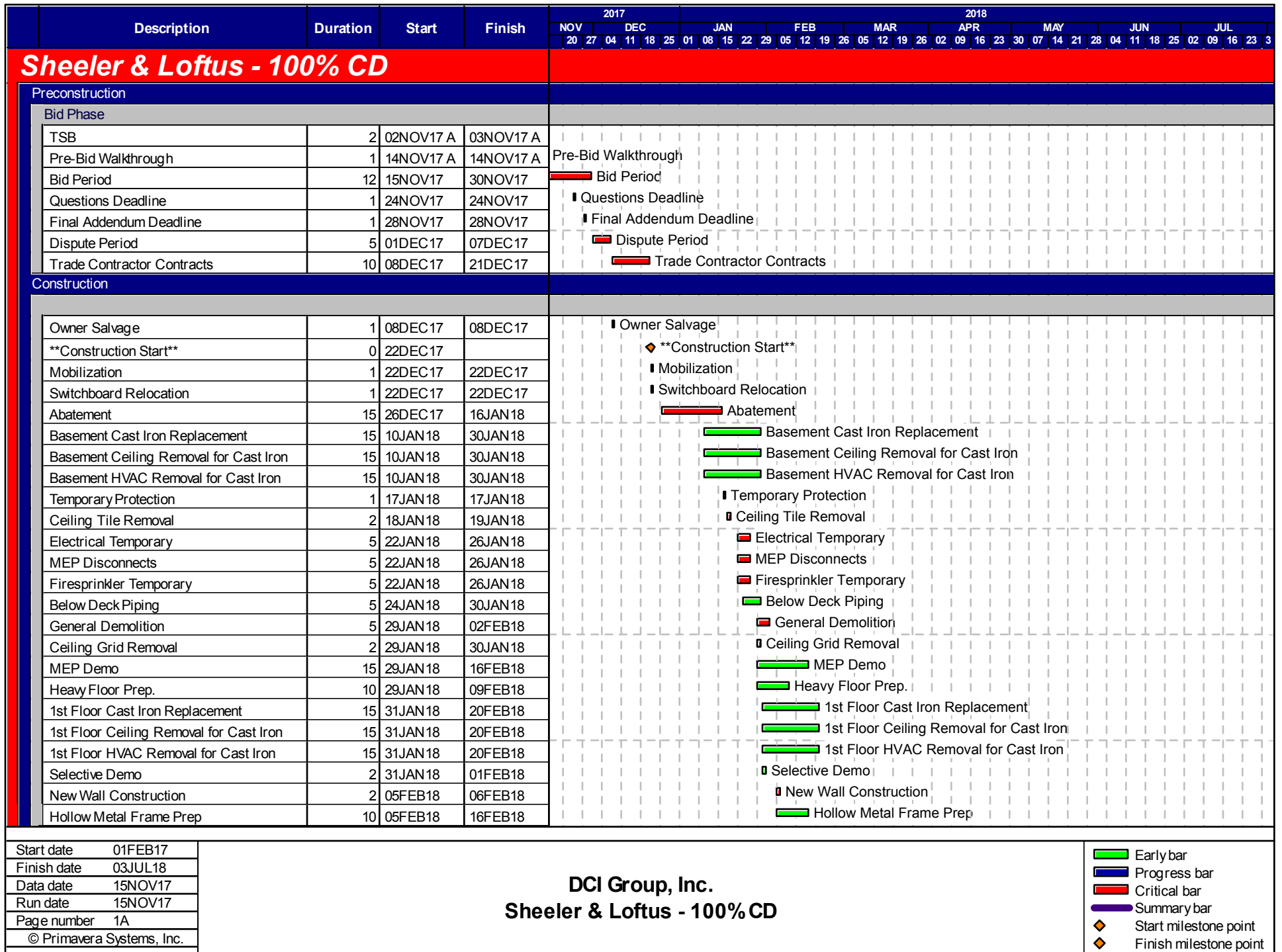
Iowa Contractor Registration Number: _____

Bidder Safety Manager Name: _____

For an out-of-state Bidder, Bidder certifies that the Resident Preference given by the State or

Foreign Country of Bidder's residence, _____, is _____ %.

END OF SECTION



May 16, 2017

Mr. Michael Martin
DCI Group
1925 High Street
Des Moines, Iowa 50309

**Re: Hazardous Materials Survey
Sheeler/Loftus Room Remodel Project (DAS Project Number 8959)
1301 Summit Drive
Marshalltown, Iowa 50158
ATC Project Number 204BS01350**

Dear Mr. Martin:

ATC Group Services LLC (ATC) has completed the Hazardous Materials Survey in accordance with our proposal dated April 19, 2017. The assessment was completed in select areas of the Sheeler/Loftus building located at the Iowa Veterans Home, 1301 Summit Drive in Marshalltown, Iowa.

The proposed Survey area consists of the Loftus first floor and Sheeler first floor entry/lobby area. The walls are metal stud drywall systems. The ceilings are suspended ceiling panels open to the concrete deck. The heating, ventilation and air conditioning (HVAC) system consist of multiple packaged basement HVAC units. The flooring consists of new floor tile and carpet with some new flooring covering old flooring materials.

A Site Plan and Photographs are included in **Attachment A**. The fieldwork for this assessment was conducted on May 2, 2017. Our findings and conclusions are included herein.

SCOPE OF WORK

Parameters for the Hazardous Materials Survey are detailed in ATC's Proposal. The survey included visual inspection and/or sampling of walls, ceilings and other surfaces that will or may be impacted by renovation activities associated with the Site.

The inspection included the following tasks:

- Completion of an asbestos building material survey of the interior suspect building components that are accessible at the time of the inspection.
- Completion of a LBP screening of painted or otherwise coated interior finishes and architectural components scheduled for demolition or disturbance.



The survey was conducted by Mr. Chad Smith, an Iowa Asbestos Inspector (license number 17-8085). Copies of current certifications and state licenses are presented in **Attachment B**. The inspections, sampling and analytical procedures were performed in general accordance with the United States Environmental Protection Agency's (USEPA's) rules and regulations as well as guidelines of the Asbestos Hazard Emergency Response Act (AHERA), the Housing and Urban Development (HUD), the Occupational Safety and Health Administration's (OSHA's) Lead in Construction Standard, and the National Institute of Occupational Safety and Health (NIOSH).

A complete description of sampling Procedures and Methods are included in **Attachment C**.

INTERPRETATION OF FINDINGS AND RESULTS

ASBESTOS – A material is considered by the EPA to be asbestos-containing if at least one sample collected from the homogenous area has asbestos present in concentrations greater than one percent (>1%). Iowa OSHA requires special handling and precautions whenever a material containing any amount (<1%) of asbestos is disturbed. ATC collected 66 samples from inside the area identified by DCI Group to be remodeled.

A summary of asbestos findings includes the following:

- Bulk samples of suspect ACM were collected from twelve (12) types of suspect ACMs resulting in a total of forty-four (44) material samples from Loftus. Laboratory analysis from the samples obtained from Loftus on May 2, 2017 **tested positive for asbestos**: 9" floor tile located in the first floor south wing and mudded pipe joint observed on the first floor Room L111R. Based on the results, all similar 9" floor tiles and mudded pipe joints should be considered an asbestos-containing material (ACM).
- Bulk samples of suspect ACM were collected from ten (10) types of suspect ACMs resulting in a total of twenty-five (25) material samples from Sheeler. Laboratory analysis from the samples obtained from Sheeler on May 2, 2017 **tested positive for asbestos**: 9" floor tile located in the entry/lobby area under new 12" floor tile and ceramic tile; and 9" floor tile located under carpet in the employee health area. Based on the results, all similar 9" floor tiles should be considered an asbestos-containing material (ACM)

All sample results are summarized on **Table 1** in **Attachment D**. A copy of the analytical reports are included in **Attachment E**. The accredited inspector also conducted condition assessments during the inspection and found the materials to be in good condition.

Any concealed building materials discovered during maintenance or renovation activities, which are suspected to contain asbestos, should be sampled and analyzed to confirm the presence of asbestos prior to disturbing such materials. This includes materials that may be hidden under carpet or other flooring; within wall cavities or above the ceiling tiles. All outside contractors and subcontractors should be made aware of the location of known ACMs and possibility of concealed suspect ACMs that could be found during renovation/demolition activities. Contractors should be advised in advance, in writing to not disturb the ACMs or PACMs.



The EPA *has not prohibited* the manufacture and import of miscellaneous materials, such as vinyl floorings, mastics, roofing materials, etc. As a result, any future replacement materials should be checked for the presence of asbestos prior to installation.

LEAD PAINT – LBP, as defined by the EPA is defined as paint or other surface coating that contains lead greater than or equal to 1.0 mg/cm², 5,000 ppm or 0.5% lead by weight. OSHA requires that all detectable levels of lead be communicated as lead-containing paints. ATC screened selected painted surfaces for lead content by X-ray florescence analysis. A summary of lead results include the following:

- Lead-based paint was detected in one (1) of the thirty-one (31) painted surfaces/coatings in concentrations greater than or equal to 1.0 mg/cm² in Loftus. This material is the light spotted ceramic wall tile located in the hallway.
- Lead-Based paint was not detected in any of the eighteen (18) painted surface/coatings in concentrations at or above the EPA/HUD threshold limits in Sheeler.

LBP results for all samples are summarized in **Table 2 in Attachment D**.

The Occupational Safety and Health Administration (OSHA) standard 29 CFR 1926.62 states “where lead is present” the paint or coating must be addressed as Lead-Containing Paint. Lead-Containing Paint could become an exposure hazard to workers who disturb these coated surfaces during demolition or renovation activities.

Lead-Containing Paint was identified in the tested surfaces. OSHA requires the contractor to inform its employees of potential lead hazards, based upon the work being performed. The purpose of OSHA’s lead construction standard is to reduce the exposure to lead for all construction workers. If lead-containing paint was found, ATC would recommend contractors be informed of the presence of lead below the definition of lead based paint (more than or equal to 1.0 mg/cm², 5,000 parts per million (ppm) or 0.5% of lead in paint), but above zero. OSHA’s standard includes an 8-hour time weighted average (TWA) of 50 micrograms of lead per cubic meter of air (mg/m³) and an action level (regardless of respirator use) of 30 mg/m³. Although the standard emphasizes exposure assessment for individual job tasks, varying levels of worker protection are required of the contractor for certain tasks, including, but not limited to the following activities involving lead-based and lead-containing paint:

- Manual demolition of structures, manual scraping, manual sanding, and use of heat guns where lead-containing coatings or paints are present;
- Abrasive blasting enclosure movement and removal;
- Power tool cleaning;
- Lead burning;
- Using lead-containing mortar or spray painting with lead-containing paint;
- Abrasive blasting, rivet busting, or welding, cutting, or burning on any structure where lead-containing coatings or paint are present;
- Cleanup activities where dry expendable abrasives are used; and
- Any other task the employer believes may cause exposures in excess of the permissible exposure limit (PEL).



The Iowa Veterans Home should prohibit the use of torch cutting or heat processes to remove the paint from all surfaces that are within these limits. If abrasive blasting (i.e., sandblasting, etc.) is to be performed, ATC recommends that the appropriate methods of containing the work area and personal protective equipment be utilized (i.e., respirator protection, eye protection, coveralls, etc.).

Hidden painted surfaces that were not tested may contain some percentages of lead, and would therefore require the Contractor performing demolition work in those areas to comply with OSHA's Lead Regulations. If the hidden paint is discovered by the renovation activity, then all activity associated with the disturbance, handling and disposal of any suspect lead paint must comply with the OSHA Lead Standard 1926.62 and state regulations for the disposal of the lead paint until proven otherwise by laboratory testing.

LIMITATIONS

This report is intended for the sole use of the client. The intent of the report is to aid the building owner, architect, construction manager, general contractors, and potential demolition and abatement contractors. As actual Site conditions and quantities should be field verified, this report is not intended to serve as a bidding document or as a project specification document. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user. Although every attempt has been made to identify suspect asbestos/lead paint in the areas identified, the limits of the scope of work and inspection technique used is inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure.

Additionally, the passage of time may result in a change in the environmental characteristics at this Site. If mold or water damaged areas are remediated, the impact may extend further than anticipated. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during ATC's inspection of the Site.

We appreciate the opportunity to be of service to DCI on this project, and look forward to working with you on future projects. In the meantime, if you have questions or comments regarding the information in the report, please call Chad Smith at (515) 269-0672.

Sincerely,

ATC Group Services LLC

Chad Smith
Sr. Project Manager

Tim Jacobsen
Operations Manager



Sheeler/Loftus
Room Remodel Into Office Space Project
1301 Summit Drive, Marshalltown, IA
May 16, 2017

Attachments

Attachment A:	Site Floor Plan Sketch and Photographs
Attachment B:	Certifications
Attachment C:	Sampling Procedures
Attachment D:	Data Summary Tables
Attachment E:	Laboratory Reports

cc: Michael Steen

ATTACHMENT A

**Site Floor Plan Sketch
And
Photographs**



LOFTUS 1ST FLOOR

NOT TO SCALE

Designed
Drawn
Checked

Approved _____ Date _____
Title _____ Job Class _____

REVISIONS
Description Approved

Date

File No.
Drawing No.

Sheet of



View of Sheeler Entry with asbestos-containing 9" floor tile (under new tile)
(Samples CS050240A, B & C)

1



View of asbestos-containing green 9" floor tile in the Employee Health area
(Sample CS050247A)

2

Photograph Log
Iowa Veterans Home
Sheeler/Loftus Room Remodel Project
1301 Summit Drive, Marshalltown

ATC Group Services LLC
4905 Hubbell Avenue, Suite 6
Des Moines, IA 50317
(515) 981-4528
Project No. 204BS01350



View of asbestos-containing 9" floor tile in the Loftus South Wing
(Samples CS050256A, B & C)

3



View of asbestos-containing muddled fitting pipe insulation in room L111R
(Sample CS050262A)

4

Photograph Log
Iowa Veterans Home
Sheeler/Loftus Room Remodel Project
1301 Summit Drive, Marshalltown

ATC Group Services LLC
4905 Hubbell Avenue, Suite 6
Des Moines, IA 50317
(515) 981-4528
Project No. 204BS01350



View of the light spotted ceramic tile with lead content in glazing.

5



Close-up view of the light spotted ceramic tile with lead content in glazing.

6

Photograph Log
Iowa Veterans Home
Loftus Room Remodel Project
1301 Summit Drive, Marshalltown

ATC Group Services LLC
4905 Hubbell Avenue, Suite 6
Des Moines, IA 50317
(515) 981-4528
Project No. 204BS01350

ATTACHMENT B

Certifications

MTI

Midwest Training Institute

"A Higher Standard of Training"

An **ATC** Company



CHAD SMITH

DOB: 11-25-1975
Issued: 01-06-2017

License Type	Number	Expires
SUPERVISOR	17-1403	01-03-2018
INSPECTOR	17-4005	03-26-2018

This is to certify that

Chad Smith

This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.



Michael A. Mauro
Labor Commissioner

has completed the requisite training for asbestos accreditation under TSCA Title II, 15 U.S.C. 2646 and the State of Nebraska Asbestos Regulations and passed the associated examination with a score of 70% or better.

EPA AHERA/Nebraska Asbestos Inspector Refresher Course

Midwest Training Institute, Inc.

11117 Mockingbird Drive

Omaha, NE 68127

(402) 505-2940

(402) 515-0585

www.midwesttrainingsite.com

Course Location:

Des Moines, IA

Course Date: 3/28/2017

Examination Date: 3/28/2017

Expiration Date: 3/28/2018

Certificate # MTIPJ 0254 IR

Social Security # XXX-XX-4672

Instructor

ATTACHMENT C

Sampling Methods and Procedures

Asbestos Sampling Procedures

Representative bulk samples of suspect asbestos-containing building materials were randomly collected within the designated space. For the purpose of this survey, the Site was inspected and sampled as two distinct functional areas; Sheeler and Loftus.

Homogenous Area (HA) determination was based on the following criteria:

- Similar physical characteristics (same color and texture, etc.)
- Application (sprayed-on, trowelled-on, assembly into a system, etc.)
- Material function (thermal system insulation, floor tile, wallboard system, etc.)

The number of samples collected from each HA depended on the extent (of the impact) of the proposed construction on the suspect material, category of HA the suspect material fell into, and the amount of material present as follows:

AHERA GUIDELINES FOR DETERMINING THE NUMBER OF SAMPLES TO COLLECT		
HA CATEGORY	HA SIZE	SAMPLES REQUIRED
Surfacing Materials “ “ “ “	<1,000 SF	3
	1,000-5,000 SF	5
	>5,000 SF	7 or more
Thermal System Insulation	No Stipulation	3+ (Must also sample all repair patches)
Miscellaneous Materials	No Stipulation	Per AHERA, these materials must be sampled "in a manner sufficient to determine whether or not they contain asbestos" typically 3 samples based upon inspector judgment.

Materials which were determined to be non-asbestos (i.e., fibrous glass, foam rubber, etc.) by the accredited inspector were not required to be sampled. It should be noted that additional suspect asbestos containing materials might exist in inaccessible or concealed spaces that can only be revealed through destructive sampling or full demolition activities. These spaces include, but are not limited to, pipe chases, spaces between wall/ceiling cavities, inaccessible areas of the shafts, interior of mechanical components such as, interior ducts, etc.

Bulk Asbestos Analysis Methodology

Bulk samples were analyzed using the Environmental Protection Agency's Test Method: Method for the Determination of Asbestos in Building Materials (EPA 600/R-93/116, July, 1993). ATC is a participant in the Environmental Laboratory Accreditation Program and NIST/NVLAP Accreditation program. ATC is also accredited by the American Industrial Hygiene Association.

ATC used a "batch method" sampling protocol. For every grouping of samples collected from each homogeneous area, each sample was tested until a sample resulted in a positive reading for asbestos content. If one sample resulted in a positive asbestos reading, subsequent samples in the group were then not tested. Based on the one positive test result, the homogeneous area was considered asbestos containing. If all samples collected from a homogeneous area resulted in non-detectable asbestos results, the homogenous area was considered non-asbestos containing.

Lead-Based Paint Sampling

Testing was performed using X-Ray Fluorescence *in situ* analysis (XRF) of painted construction materials. ATC utilized the Heuresis Pbi200 (Heuresis) manufactured by Heuresis Pbi200 for this inspection.

The Heuresis Lead Paint Analyzer is a complete lead paint analysis system that quickly, accurately, and non-destructively measures the concentration of LBP on surfaces. The Heuresis relies on the measurement of the K-shell X-rays to determine the amount of lead present in the painted surface. K-shell X-rays can penetrate multiple layers of paint and allow a measurement of the lead content of paint to be made without being significantly affected by the thickness or number of layers of paint on the surface of the sample.

The Heuresis has the ability to analyze and compute corrections for the differences in the energy spectrums relating to different substrates. This analysis of the energy spectrum means that the lead paint reading displayed on the instrument already accounts for any substrate effects and correction is not required by the operator. The Heuresis's field of view is limited to a depth of 3/8", deep enough to handle virtually all painted surfaces, but not prone to detect lead objects located behind the surface.

Upon departure at the job site or after the day's inspection work was completed, a "validation test" was performed to assure that the instrument was operating properly. A series of three test measurements using the nominal time that was used during the inspection were taken on the NIST Paint Film Standard (SRM No. 2579) as required by the instrument's PCS. The individual readings and an average of the three readings were recorded and compared to the standards. In all Casings the instrument was functioning within the standard deviation as defined by the manufacturer and the PCS. All validation readings are recorded on the field sample collection logs in the order in which they were taken at the site. If for any reason the XRF does not pass the quality control procedures, it is ATC's policy to replace that instrument with an XRF that passes the above criteria for calibration.

The parameters used to interpret XRF results are outlined in the Performance Characteristics Sheet (PCS). According to the PCS, each XRF result is classified as positive for LBP if the result is greater than or equal to 1.0 mg/cm² or negative for LBP if the result is below 1.0 mg/cm².

ATTACHMENT D

TABLES: Data Summaries

TABLE 1: SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
Sheeler Room Remodel Project
Marshalltown, Iowa 50158
Survey Date – May 2, 2017

SAMPLE NUMBERS	MATERIAL TYPE	GENERAL MATERIAL LOCATION	Quantity	ASBESTOS CONTENT
Sheeler Entry Area				
CS050235A	Tuck Point Caulk	Sheeler Exterior	N/A	ND
CS050240A CS050240B CS050240C	9" Floor Tile (brown)	Sheeler Entry/Lobby	1,320 SF	2% Chrysotile 2% Chrysotile 2% Chrysotile
CS050241A CS050241B CS050241C	9" Floor Tile Adhesive (black)	Sheeler Entry/Lobby	N/A	ND ND ND
CS050242A CS050242B CS050242C	12" Floor Tile (white)	Sheeler Entry/Lobby	N/A	ND ND ND
CS050243A CS050243B CS050243C	Wall Covering (gray)	Sheeler Entry/Lobby	N/A	ND ND ND
CS050244A CS050244B CS050244C	Mopboard/Cove Base (brown)	Sheeler Entry/Lobby	N/A	ND ND ND
CS050245A CS050245B CS050245C	2 x 2 Ceiling Tile	Sheeler Entry/Lobby	N/A	ND ND ND
CS050246A	Carpet Adhesive	Sheeler Entry/Lobby	N/A	ND
CS050247A	9" Floor Tile (green), Under Carpet	Employee Health Area	315 SF	2% Chrysotile
CS050248A	9" Floor Tile Adhesive	Employee Health Area	N/A	ND
Key: SF = Square Feet, N/A = Not Applicable, ND = No Asbestos Detected In Sample				

TABLE 1: SUMMARY OF BULK SAMPLE ANALYSIS FOR ASBESTOS
Loftus Room Remodel Project
Marshalltown, Iowa 50158
Survey Date – May 2, 2017

SAMPLE NUMBERS	MATERIAL TYPE	GENERAL MATERIAL LOCATION	Quantity	ASBESTOS CONTENT
Loftus 1st Floor				
CS050250A CS050250B CS050250C	Drywall	Loftus – 1 st Floor	N/A	ND ND ND
CS050251A CS050251B CS050251C	Drywall Joint Compound	Loftus – 1 st Floor	N/A	ND ND ND
CS050252A CS050252B CS050252C CS050252D CS050252E	2 x 2 Ceiling Tile	Loftus – 1 st Floor	N/A	ND ND ND ND ND
CS050253A CS050253B CS050253C	Mopboard/Cove Base (brown)	Loftus – 1 st Floor	N/A	ND ND ND
CS050254A CS050254B CS050254C	Vinyl Sheet Flooring (tan)	Loftus – 1 st Floor	N/A	ND ND ND
CS050255A CS050255B CS050255C	Plaster	Loftus – 1 st Floor	N/A	ND ND ND
CS050256A CS050256B CS050256C	9" Floor Tile (beige)	Loftus – 1 st Floor South Wing	3,248 SF	2% Chrysotile 2% Chrysotile 2% Chrysotile
CS050257A CS050257B CS050257C	9" Floor Tile Adhesive (black)	Loftus – 1 st Floor South Wing	N/A	ND ND ND
CS050258A CS050258B	12" Floor Tile (white)	Loftus – 1 st Floor	N/A	ND ND
CS050259A CS050259B	12" Floor Tile Adhesive	Loftus – 1 st Floor	N/A	ND ND
CS050260A CS050260B CS050260C	12" Floor Tile (gray)	Loftus – 1 st Floor	N/A	ND ND ND
CS050261A CS050261B	Fire Door	Loftus – 1 st Floor	N/A	ND ND
CS050262A	Mudded Fitting Pipe Insulation	Loftus – 1 st Floor Room L111R	1 FTG	2% Chrysotile
Key: SF = Square Feet, N/A = Not Applicable, ND = No Asbestos Detected In Sample				

TABLE 2: SUMMARY OF LEAD-BASED PAINT RESULTS
Sheeler Room Remodel Project
Marshalltown, Iowa 50158
Survey Date – May 2, 2017

Reading #	Date/Time	Inspector	Analytic Mode	Room	Structure	Component	Substrate	PbC	Units	Results
26	5/2/2017 14:54	Chad	Lead Paint			Calibration		0.9	mg/cm2	Negative
27	5/2/2017 14:54	Chad	Lead Paint			Calibration		0.9	mg/cm2	Negative
28	5/2/2017 14:55	Chad	Lead Paint			Calibration		0.9	mg/cm2	Negative
29	5/2/2017 14:56	Chad	Lead Paint	Foyer	Room	Wall	Drywall	0	mg/cm2	Negative
30	5/2/2017 14:56	Chad	Lead Paint	Foyer	Room	Wall	Drywall	0.6	mg/cm2	Negative
31	5/2/2017 14:56	Chad	Lead Paint	Foyer	Room	Wall	Drywall	-0.2	mg/cm2	Negative
32	5/2/2017 14:57	Chad	Lead Paint	Foyer	Room	Wall	Drywall	0.6	mg/cm2	Negative
33	5/2/2017 14:57	Chad	Lead Paint	Foyer	Room	Wall	Drywall	-0.1	mg/cm2	Negative
34	5/2/2017 14:57	Chad	Lead Paint	Foyer	Room	Cabinets	Metal	0.1	mg/cm2	Negative
35	5/2/2017 14:58	Chad	Lead Paint	Hallway	Room	Cabinets	Metal	-0.1	mg/cm2	Negative
36	5/2/2017 14:58	Chad	Lead Paint	Hallway	Room	Cabinets	Metal	0.2	mg/cm2	Negative
37	5/2/2017 14:59	Chad	Lead Paint	Hallway	Room	Cabinets	Metal	-0.1	mg/cm2	Negative
38	5/2/2017 14:59	Chad	Lead Paint	Hallway	Room	Cabinets	Metal	0.6	mg/cm2	Negative
39	5/2/2017 15:00	Chad	Lead Paint	Hallway	Room	Wall	Plaster	0.3	mg/cm2	Negative
40	5/2/2017 15:00	Chad	Lead Paint	Hallway	Room	Wall	Plaster	0.6	mg/cm2	Negative
41	5/2/2017 15:00	Chad	Lead Paint	Hallway	Room	Wall	Plaster	0	mg/cm2	Negative
42	5/2/2017 15:01	Chad	Lead Paint	Hallway	Room	Wall	Plaster	0	mg/cm2	Negative
43	5/2/2017 15:01	Chad	Lead Paint	Hallway	Room	Wall	Plaster	-0.1	mg/cm2	Negative

TABLE 2: SUMMARY OF LEAD-BASED PAINT RESULTS
Loftus Room Remodel Project
Marshalltown, Iowa 50158
Survey Date – May 2, 2017

Reading #	Date/Time	Inspector	Analytic Mode	Room	Structure	Component	Substrate	PbC	Units	Results
44	5/2/2017 15:48	Chad	Lead Paint	Hallway	Door	Door	Wood	0	mg/cm2	Negative
45	5/2/2017 15:48	Chad	Lead Paint	Hallway	Door	Door	Wood	0	mg/cm2	Negative
46	5/2/2017 15:49	Chad	Lead Paint	Hallway	Door	Casing	Metal	0.3	mg/cm2	Negative
47	5/2/2017 15:49	Chad	Lead Paint	Hallway	Door	Casing	Metal	0.1	mg/cm2	Negative
48	5/2/2017 15:50	Chad	Lead Paint	Hallway	Door	Casing	Metal	0.2	mg/cm2	Negative
49	5/2/2017 15:50	Chad	Lead Paint	Hallway	Door	Casing	Metal	0.3	mg/cm2	Negative
50	5/2/2017 15:50	Chad	Lead Paint	Hallway	Door	Casing	Metal	0.5	mg/cm2	Negative
51	5/2/2017 15:51	Chad	Lead Paint	Room	Radiator	Cover	Metal	0	mg/cm2	Negative
52	5/2/2017 15:51	Chad	Lead Paint	Room	Radiator	Cover	Metal	0	mg/cm2	Negative
53	5/2/2017 15:52	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.4	mg/cm2	Negative
54	5/2/2017 15:52	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.1	mg/cm2	Negative
55	5/2/2017 15:52	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.1	mg/cm2	Negative
56	5/2/2017 15:53	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.1	mg/cm2	Negative
57	5/2/2017 15:53	Chad	Lead Paint	Hallway	Room	Wall	Ceramic	0.2	mg/cm2	Negative
58	5/2/2017 15:54	Chad	Lead Paint	Hallway	Room	Wall	Ceramic	1.6	mg/cm2	Positive
59	5/2/2017 15:54	Chad	Lead Paint	Hallway	Room	Wall	Ceramic	1.8	mg/cm2	Positive
60	5/2/2017 15:57	Chad	Lead Paint	Hallway	Room	Wall	Ceramic	0.2	mg/cm2	Negative
61	5/2/2017 15:58	Chad	Lead Paint	Hallway	Room	Wall	Ceramic	1.8	mg/cm2	Positive
62	5/2/2017 15:58	Chad	Lead Paint	Hallway	Door		Wood	-0.1	mg/cm2	Negative
63	5/2/2017 15:59	Chad	Lead Paint	Hallway	Door	Frame	Metal	0.5	mg/cm2	Negative
64	5/2/2017 15:59	Chad	Lead Paint	Hallway	Door	Frame	Metal	0.5	mg/cm2	Negative
65	5/2/2017 16:00	Chad	Lead Paint	Hallway	Door	Frame	Metal	0	mg/cm2	Negative
66	5/2/2017 16:00	Chad	Lead Paint	Hallway	Cabinets		Wood	0.1	mg/cm2	Negative
67	5/2/2017 16:02	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.3	mg/cm2	Negative
68	5/2/2017 16:02	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.1	mg/cm2	Negative

TABLE 2: SUMMARY OF LEAD-BASED PAINT RESULTS
Loftus Room Remodel Project
Marshalltown, Iowa 50158
Survey Date – May 2, 2017

69	5/2/2017 16:02	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.3	mg/cm2	Negative
70	5/2/2017 16:03	Chad	Lead Paint	Room	Room	Wall	Drywall	-0.3	mg/cm2	Negative
71	5/2/2017 16:03	Chad	Lead Paint	Room	Radiator	Cover	Metal	0	mg/cm2	Negative
72	5/2/2017 16:04	Chad	Lead Paint	Room	Radiator	Cover	Metal	-0.1	mg/cm2	Negative
73	5/2/2017 16:04	Chad	Lead Paint	Room	Radiator	Cover	Metal	-0.1	mg/cm2	Negative
74	5/2/2017 16:04	Chad	Lead Paint	Room	Radiator	Cover	Metal	0	mg/cm2	Negative

ATTACHMENT E

Laboratory Reports



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 161708068

Customer ID: ATCD42

Customer PO:

Project ID:

Attention: Nicole Smith

ATC Group Services LLC

4905 Hubbell Ave

Suite #6

Des Moines, IA 50317

Project: 204BS01350 / DAS Job 8959

Phone: (515) 981-4528

Fax:

Received Date: 05/04/2017 8:45 AM

Analysis Date: 05/08/2017

Collected Date: 05/02/2017

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CS050235A 161708068-0001	Sheeler Exterior - Point Tuck Caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050240A 161708068-0002	Sheeler - Entry - 9" Floor Tile	Brown Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050240B 161708068-0003	Sheeler - Entry - 9" Floor Tile	Brown Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050240C 161708068-0004	Sheeler - Entry - 9" Floor Tile	Brown Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050241A 161708068-0005	Sheeler - Entry - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050241B 161708068-0006	Sheeler - Entry - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050241C 161708068-0007	Sheeler - Entry - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050242A 161708068-0008	Sheeler - Entry - 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050242B 161708068-0009	Sheeler - Entry - 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050242C 161708068-0010	Sheeler - Entry - 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050243A 161708068-0011	Sheeler - Entry - Wall Covering	Gray Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
CS050243B 161708068-0012	Sheeler - Entry - Wall Covering	Gray Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
CS050243C 161708068-0013	Sheeler - Entry - Wall Covering	Gray Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
CS050244A-Cove Base 161708068-0014	Sheeler - Entry - Vinyl Mopboard /Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050244A-Mastic 161708068-0014A	Sheeler - Entry - Vinyl Mopboard /Covebase	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050244B-Cove Base 161708068-0015	Sheeler - Entry - Vinyl Mopboard/Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 12:11:10



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com / indianapolislabs@emsl.com>

EMSL Order: 161708068

Customer ID: ATCD42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CS050244B-Mastic <i>161708068-0015A</i>	Sheeler - Entry - Vinyl Mopboard/Covebase	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050244C-Cove Base <i>161708068-0016</i>	Sheeler - Entry - Vinyl Mopboard/Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050244C-Mastic <i>161708068-0016A</i>	Sheeler - Entry - Vinyl Mopboard/Covebase	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050245A <i>161708068-0017</i>	Sheeler - Entry - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050245B <i>161708068-0018</i>	Sheeler - Entry - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050245C <i>161708068-0019</i>	Sheeler - Entry - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050246A <i>161708068-0020</i>	Sheeler - Entry - Carpet Adhesive	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050247A <i>161708068-0021</i>	Sheeler - Entry - Green 9 Floor Tile	Green Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050248A <i>161708068-0022</i>	Sheeler - Entry - Green 9 Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Jadda Moffett (25)

Richard Harding, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 05/08/2017 12:11:10

EMSL Analytical, Inc.
6340 CastlePlace Dr.EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAININGAsbestos Bulk Building Material
Chain of Custody

EMSL Order Number (Lab Use Only):

161708068

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

Company : ATC Group Services LLC		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 4905 Hubbell Avenue Suite 6		Third Party Billing requires written authorization from third party	
City: Des Moines	State/Province: IA	Zip/Postal Code: 50317	Country: US
Report To (Name): Nicole Smith		Telephone #: 515-981-4528	
Email Address: nicole.smith@atcassociates.com		Fax #:	Purchase Order:
Project Name/Number: 204BS01350 / DAS Job 8959		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: IA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
<input type="checkbox"/> PLM EPA NOB (<1%)		<input type="checkbox"/> NY ELAP Method 198.4 (TEM)	
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)		<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
<input type="checkbox"/> NIOSH 9002 (<1%)		<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)		Other	
<input type="checkbox"/> OSHA ID-191 Modified			
<input type="checkbox"/> Standard Addition Method			
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 5/2/17	
Samplers Name: Chad Smith		Samplers Signature:	
Sample #	HA #	Material Description	Sample Location
CS050235A		Point Tuck Caulk	Sheeler Exterior
CS050240A		9" Floor Tile	Sheeler - Entry
CS050240B		9" Floor Tile	Sheeler - Entry
CS050240C		9" Floor Tile	Sheeler - Entry
CS050241A		9" Floor Tile Adhesive	Sheeler - Entry
CS050241B		9" Floor Tile Adhesive	Sheeler - Entry
CS050241C		9" Floor Tile Adhesive	Sheeler - Entry
CS050242A		12" Floor Tile	Sheeler - Entry
CS050242B		12" Floor Tile	Sheeler - Entry
CS050242C		12" Floor Tile	Sheeler - Entry
Client Sample # (s): -		Total # of Samples: 22	
Relinquished (Client):		Date:	Time:
Received (Lab): <i>UBB</i>		Date: 5/4/17	Time: 8455
Comments/Special Instructions: Bill To: ATC Group Services LLC, 11117 Mockingbird Drive, Omaha, NE, 68137, US Attention: Debra Siepker Phone 402-697-9747 Email: debra.siepker@atcassociates.com Purchase Order			

8068

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

[illegible]

Page 2 Of 2



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislab@emsl.com

EMSL Order: 161708090

Customer ID: ATCD42

Customer PO:

Project ID:

Attention: Nicole Smith

ATC Group Services LLC

4905 Hubbell Ave

Suite #6

Des Moines, IA 50317

Project: 204BS01350 / DAS 8959

Phone: (515) 981-4528

Fax:

Received Date: 05/04/2017 8:45 AM

Analysis Date: 05/08/2017

Collected Date: 05/02/2017

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CS050250A <small>161708090-0001</small>	Loftus - 1st Floor - Drywall	Brown/White Fibrous Heterogeneous	25% Cellulose	70% Gypsum 5% Non-fibrous (Other)	None Detected
CS050250B <small>161708090-0002</small>	Loftus - 1st Floor - Drywall	Brown/White Fibrous Heterogeneous	25% Cellulose	70% Gypsum 5% Non-fibrous (Other)	None Detected
CS050250C <small>161708090-0003</small>	Loftus - 1st Floor - Drywall	Brown/White Fibrous Heterogeneous	20% Cellulose	70% Gypsum 10% Non-fibrous (Other)	None Detected
CS050251A <small>161708090-0004</small> <i>Inseparable paint / coating layer included in analysis</i>	Loftus - 1st Floor - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050251B <small>161708090-0005</small> <i>Inseparable paint / coating layer included in analysis</i>	Loftus - 1st Floor - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050251C <small>161708090-0006</small>	Loftus - 1st Floor - Drywall Joint Compound	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050252A <small>161708090-0007</small>	Loftus - 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050252B <small>161708090-0008</small>	Loftus - 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050252C <small>161708090-0009</small>	Loftus - 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050252D <small>161708090-0010</small>	Loftus - 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050252E <small>161708090-0011</small>	Loftus - 1st Floor - Ceiling Tile	Gray/White Fibrous Homogeneous	50% Cellulose 30% Min. Wool	15% Perlite 5% Non-fibrous (Other)	None Detected
CS050253A-Cove Base <small>161708090-0012</small>	Loftus - 1st Floor - Mopboard / Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050253A-Mastic <small>161708090-0012A</small>	Loftus - 1st Floor - Mopboard / Covebase	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050253B-Cove Base <small>161708090-0013</small>	Loftus - 1st Floor - Mopboard / Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050253B-Mastic <small>161708090-0013A</small>	Loftus - 1st Floor - Mopboard / Covebase	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 13:32:19



EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / indianapolislabs@emsl.com

EMSL Order: 161708090

Customer ID: ATCD42

Customer PO:

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CS050253C-Cove Base 161708090-0014	Loftus - 1st Floor - Mopboard / Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050253C-Mastic 161708090-0014A	Loftus - 1st Floor - Mopboard / Covebase	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050254A-Flooring 161708090-0015	Loftus - 1st Floor - Vinyl Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050254A-Mastic 161708090-0015A	Loftus - 1st Floor - Vinyl Sheet Flooring	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050254B 161708090-0016	Loftus - 1st Floor - Vinyl Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050254C-Flooring 161708090-0017	Loftus - 1st Floor - Vinyl Sheet Flooring	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050254C-Mastic 161708090-0017A	Loftus - 1st Floor - Vinyl Sheet Flooring	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050255A-Finish Coat 161708090-0018	Loftus - 1st Floor - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050255A-Base Coat 161708090-0018A	Loftus - 1st Floor - Plaster	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (Other)	None Detected
CS050255B-Finish Coat 161708090-0019	Loftus - 1st Floor - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050255B-Base Coat 161708090-0019A	Loftus - 1st Floor - Plaster	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (Other)	None Detected
CS050255C-Finish Coat 161708090-0020	Loftus - 1st Floor - Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050255C-Base Coat 161708090-0020A	Loftus - 1st Floor - Plaster	Gray Non-Fibrous Homogeneous	<1% Hair	20% Quartz 80% Non-fibrous (Other)	None Detected
CS050256A 161708090-0021	Loftus - 1st Floor - 9" Floor Tile	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050256B 161708090-0022	Loftus - 1st Floor - 9" Floor Tile	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050256C 161708090-0023	Loftus - 1st Floor - 9" Floor Tile	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
CS050257A 161708090-0024	Loftus - 1st Floor - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050257B 161708090-0025	Loftus - 1st Floor - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050257C 161708090-0026	Loftus - 1st Floor - 9" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 05/08/2017 13:32:19



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6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com / indianapolislaboratory@emsl.com>

EMSL Order: 161708090

Customer ID: ATCD42

Customer PO:

Project ID:

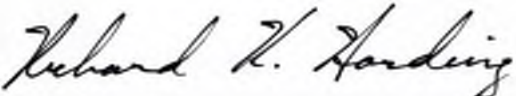
Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos % Type
			% Fibrous	% Non-Fibrous	
CS050258A 161708090-0027	Loftus - 1st Floor - 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050258B 161708090-0028	Loftus - 1st Floor - 12" Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050259A 161708090-0029	Loftus - 1st Floor - 12" Floor Tile Adhesive	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050259B 161708090-0030	Loftus - 1st Floor - 12" Floor Tile Adhesive	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050260A 161708090-0031	Loftus - 1st Floor - 12" Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050260B 161708090-0032	Loftus - 1st Floor - 12" Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050260C 161708090-0033	Loftus - 1st Floor - 12" Floor Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
CS050261A 161708090-0034	Loftus - 1st Floor - Fire Door	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
CS050261B 161708090-0035	Loftus - 1st Floor - Fire Door	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
CS050262A 161708090-0036	Loftus - 1st Floor - Mudded Fitting Pipe Insulation	Gray Fibrous Homogeneous	30% Cellulose 60% Min. Wool	8% Non-fibrous (Other)	2% Chrysotile

Analyst(s)

Jadda Moffett (15)

Ross Matlock (29)


 Richard Harding, Laboratory Manager
 or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262

Initial report from: 05/08/2017 13:32:19

EMSL Analytical, Inc.
6340 CastlePlace Dr.EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAININGAsbestos Bulk Building Material
Chain of Custody

EMSL Order Number (Lab Use Only):

161708090

Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047

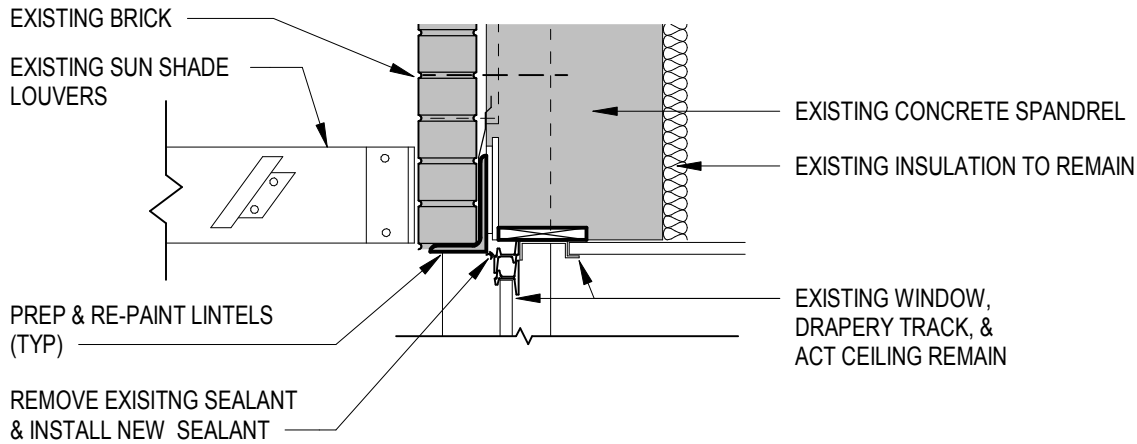
Company: ATC Group Services LLC		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 4905 Hubbell Avenue Suite 6		<i>Third Party Billing requires written authorization from third party</i>	
City: Des Moines	State/Province: IA	Zip/Postal Code: 50317	Country: US
Report To (Name): Nicole Smith		Telephone #: 515-981-4528	
Email Address: nicole.smith@atcassociates.com		Fax #:	Purchase Order:
Project Name/Number: 204BS01350 / DAS Job 8959		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: IA		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique Other <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 5/2/17	
Samplers Name: Chad Smith		Samplers Signature:	
Sample #	HA #	Material Description	Sample Location
CS050250A		Drywall	Loftus - 1st Floor
CS050250B		Drywall	Loftus - 1st Floor
CS050250C		Drywall	Loftus - 1st Floor
CS050251A		Drywall Joint Compound	Loftus - 1st Floor
CS050251B		Drywall Joint Compound	Loftus - 1st Floor
CS050251C		Drywall Joint Compound	Loftus - 1st Floor
CS050252A		Ceiling Tile	Loftus - 1st Floor
CS050252B		Ceiling Tile	Loftus - 1st Floor
CS050252C		Ceiling Tile	Loftus - 1st Floor
CS050252D		Ceiling Tile	Loftus - 1st Floor
Client Sample # (s): -		Total # of Samples: 36	
Relinquished (Client):		Date: 5-3-17	Time: 1200
Received (Lab):		Date: 5/4/17	Time: 845F
Comments/Special Instructions: <small>Bill To: ATC Group Services LLC, 11117 Mockingbird Drive, Omaha, NE, 68137, US Attention: Debra Siepker Phone: 402-697-9747 Email: debra.siepker@atcassociates.com Purchase Order.</small>			

EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING**Asbestos Bulk Building Material
Chain of Custody****EMSL Order Number (Lab Use Only):**

8090

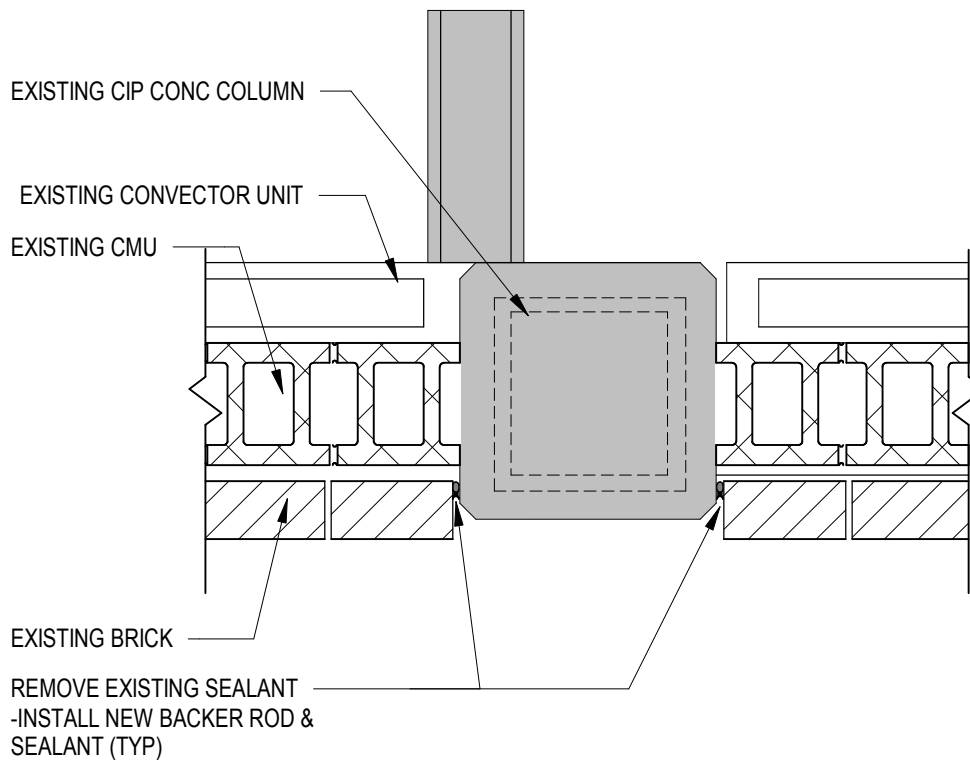
Indianapolis, IN 46250
PHONE: (317) 803-2997
FAX: (317) 803-3047*Additional Pages of the Chain of Custody are only necessary if needed for additional sample information*

Sample #	HA #	Material Description	Sample Location
CS050252E		Ceiling Tile	Loftus - 1st Floor
CS050253A		Mopboard/Covebase	Loftus - 1st Floor
CS050253B		Mopboard/Covebase	Loftus - 1st Floor
CS050253C		Mopboard/Covebase	Loftus - 1st Floor
CS050254A		Vinyl Sheet Flooring	Loftus - 1st Floor
CS050254B		Vinyl Sheet Flooring	Loftus - 1st Floor
CS050254C		Vinyl Sheet Flooring	Loftus - 1st Floor
CS050255A		Plaster	Loftus - 1st Floor
CS050255B		Plaster	Loftus - 1st Floor
CS050255C		Plaster	Loftus - 1st Floor
CS050256A		9" Floor Tile	Loftus - 1st Floor
CS050256B		9" Floor Tile	Loftus - 1st Floor
CS050256C		9" Floor Tile	Loftus - 1st Floor
CS050257A		9" Floor Tile Adhesive	Loftus - 1st Floor
CS050257B		9" Floor Tile Adhesive	Loftus - 1st Floor
CS050257C		9" Floor Tile Adhesive	Loftus - 1st Floor
CS050258A		12" Floor Tile	Loftus - 1st Floor
CS050258B		12" Floor Tile	Loftus - 1st Floor
CS050259A		12" Floor Tile Adhesive	Loftus - 1st Floor
CS050259B		12" Floor Tile Adhesive	Loftus - 1st Floor
CS050260A		12" Floor Tile	Loftus - 1st Floor
CS050260B		12" Floor Tile	Loftus - 1st Floor
CS050260C		12" Floor Tile	Loftus - 1st Floor
*Comments/Special Instructions: BillTo: ATC Group Services LLC, 11117 Mockingbird Drive, Omaha, NE, 68137, US Attention: Debra Siepker Phone 402-697-9747 Email: debra.siepker@atcassociates.com Purchase Order			



ASI #1 - BRICK REPAIR - LINTEL

SCALE: 1" = 1'-0"



ASI #2 - BRICK REPAIR - COLUMN JOINT

SCALE: 1" = 1'-0"



PROJECT TITLE

**IVH
SHEELER & LOFTUS REMODEL**

Marshalltown, Iowa

PROJECT #	06170221.00
DRAWN	JWS
CHECKED	DDS
DATE	11/14/2017

REF SHEET #

ADD #1

ADD#/ASI#/PR#

SHEET ID#

ASI#1-ASI#2