

HH ARCHITECTURE

ADDENDUM #2

July 15, 2026

Project Name: 1105 Warehouse Drive
Owner: City of Raleigh
HH Project #: 23-022.02
From: **HH Architecture**
Kelly Walstrum, AIA
kwalstrum@hh-arch.com

Message: Bidders are hereby informed that the following additions, deletions, changes and clarifications supersede and supplement the Contract Documents for the above referenced project. It forms a part of the previously issued documents dated **June 6, 2026** on the cover.

This addendum may include revised pages and drawings, which shall be inserted before the corresponding page or drawings in the previously issued documents.

CLARIFICATIONS

1. The Bid Date has been postponed to **10:00 AM** on **Tuesday, July 28, 2026**
2. The Addendum #2 issued on July 10, 2026 has been VOIDED. City of Raleigh MWBE policies and requirements will NOT apply to this project.

SPECIFICATIONS

1. Section 000010 Table of Contents: **REPLACE** with attached section 000010
 - a. Section 003126 added to project specifications
2. Section 003126 Existing Hazardous Material Information: **ADD** attached section 003126
3. Section 087100 Door Hardware: **REPLACE** with attached section 087100

ADDENDUM INFORMATION

1. MWBE goals and good faith efforts are not applicable to this project. The following documents have been removed from the project manual:

- 004400 Information for Bidders Regarding Compliance with the City of Raleigh's MWBE Program
 - Acknowledgement of MWBE Policy
 - Identification of Certified MWBE Participation
 - Affidavit A - Listing of Good Faith Effort
 - Affidavit B - Intent to Perform Contract with Own Work Force
 - Affidavit C - Portion of the Work to be Performed by Certified MWBE Business
 - Affidavit D - Good Faith Effort
 - Affidavit E - Certified Subcontractor Payment Form
 - Request to change a Certified MWBE Subcontractor

2. The following documents have been updated to no longer include MWBE language:

- 00100 Advertisement for Bids
 - MWBE Language Removed
- 00200 Instructions to Bidders
 - Section 3.03 Removed
- 00409 Bidders Checklist
 - Section B Removed
- 00410 Bid Form
 - Section 7.01.B Removed
 - Section 7.03 Altered
 - Section 7.03A removed
 - Section 7.03B Removed
- 00800 Supplementary Conditions
 - Section 7.07.C.2 Removed

3. MWBE requirements listed in the previous bid meetings are no longer applicable since this passing on July 2nd.

END OF ADDENDUM

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Project: **1105 Warehouse Drive Renovation**
City of Raleigh

City of Raleigh Project # 274-ES-FO-FY26-DIX1105WH
HH # 23-022.02

VOLUME 1

DIVISION 0 – PROCUREMENT AND CONTRACTING DOCUMENTS

000002	Seals Page
000010	Table of Contents
000100	Advertisement for Bids
000200	Instructions to Bidders
000409	Bidder's Checklist
000410	Bid Form
000430	Bid Bond
000440	Information for Bidders Regarding Compliance with the City of Raleigh's MWBE Program • Non-Discrimination Agreement • Use of Certified MWBE Businesses • Acknowledgement of MWBE Policy • Identification of Certified MWBE Participation • Affidavit A – Listing of Good Faith Effort • Affidavit B - Intent to Perform Contract with Own Workforce • Affidavit C – Portion of the Work to be Performed by Certified MWBE Businesses • Affidavit D – Good Faith Effort • Affidavit E – Certified Subcontractor Payment Form • Request to Change a Certified MWBE Subcontractor
000441	Contractor's Certificates: Affidavit of Organization and Authority and Sworn Statement
000442	City of Raleigh Contractor's Poor Performance Policy
000443	Non-Collusive Affidavit

000444	Notice to Contractor Regarding Intrusion Beyond Project Limits
000520	Instructions to Contractors and Requirements as to Form for City of Raleigh Agreements
000610	Performance Bond Form
000615	Payment Bond Form
000618	Certificate of Insurance
000700	General Conditions
000701	Contract-City-Construction-Repair
000800	Supplementary Conditions of the Construction Contract
000805	Procedures for Reporting NC Sales Tax Expenditures on City of Raleigh Contracts
003126	<i>Existing Hazardous Material Information</i>

DIVISION 1 - GENERAL REQUIREMENTS

011000	Summary
012300	Alternates
012500	Substitution Procedures
012600	Contract Modification Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013200	Construction Progress Documentation
013233	Photographic Documentation
013300	Submittal Procedures
013300.01	Submittal Cover Form
014000	Quality Requirements
015000	Temporary Facilities and Controls
016000	Product Requirements
017300	Execution
017700	Closeout Procedures
017823	Operation and Maintenance Data
017839	Project Record Documents

DIVISION 2 - EXISTING CONDITIONS

024119 Selective Demolition

DIVISION 3 - CONCRETE

033200 Concrete Slab Patching and Repair

DIVISION 4 - MASONRY

042000 Unit Masonry

DIVISION 5 - METALS

Not Used

DIVISION 6 - WOOD, PLASTICS, AND COMPOSITES

064116 Plastic-Laminate-Clad Architectural Cabinets

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

070150.19 Preparation for Reroofing

075419 Polyvinyl-Chloride (PVC) Roofing

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079200 Joint Sealants

DIVISION 8 - OPENINGS

081113 Hollow Metal Doors and Frames

081416 Flush Wood Doors

083613 *Sectional Doors*

084113 Aluminum-Framed Entrances and Storefronts

087100 Door Hardware

088000 Glazing

DIVISION 9 - FINISHES

092216 Non-Structural Metal Framing

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093013	Ceramic Tiling
095113	Acoustical Panel Ceiling
096513	Resilient Base and Accessories
099113	Exterior Painting
099123	Interior Painting

DIVISION 10 - SPECIALTIES

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102800	Toilet, Bath and Laundry Accessories
104413	Fire Protection Cabinets
104416	Fire Extinguishers

DIVISION 11 - EQUIPMENT

Not Used

DIVISION 12 - FURNISHINGS

123661	Solid Surface Countertops
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DIVISION 13 - SPECIAL CONSTRUCTION

Not Used

DIVISION 14 - CONVEYING EQUIPMENT

Not Used

DIVISION 21 - FIRE SUPPRESSION

Not Used

DIVISION 22 - PLUMBING

Not Used

DIVISION 23 – HVAC

Not Used

DIVISION 25 – INTEGRATED AUTOMATION

Not Used

DIVISION 26 – ELECTRICAL

Not Used

DIVISION 27 - COMMUNICATIONS

Not Used

DIVISION 28 – ELECTRONIC SAFETY AND SECURITY

Not Used

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Not Used

DIVISION 32 - EXTERIOR IMPROVEMENTS

Not Used

DIVISION 33 - UTILITIES

Not Used

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MATRIX

Health & Safety Consultants, L.L.C.

October 23, 2025

City of Raleigh
222 W. Hargett Street
Raleigh, NC 27601

Attention: Glen Willert

Subject: Asbestos and Lead-Based Paint Survey Report
1105 Warehouse Drive
Raleigh, North Carolina
Matrix Job Number: 251048

Dear Mr. Willert:

Matrix Health & Safety Consultants, L.L.C. (Matrix) is pleased to present this report of the survey to identify asbestos-containing materials and lead-based paint at 1105 Warehouse Drive on the Dorothea Dix Campus in Raleigh, North Carolina. This report presents known project information, survey procedures and survey results.

Matrix understands that the structure is scheduled for renovation in the near future. In order to facilitate the renovation, Matrix conducted a survey to determine the existence of asbestos-containing materials. Matrix also performed a limited lead-based paint survey to detect painted surfaces that may need special attention during future renovation activities to help prevent lead dust exposure.

The scope of work did not include testing for the roof materials.

SURVEY PROCEDURES

The survey was performed on October 22, 2025, by Matrix's Inspector Britt Wester (North Carolina Asbestos Inspector No. 10847 and North Carolina Lead Risk Assessor No. 120173). The survey began with a walk-through of the building observing accessible areas for the presence of suspect asbestos-containing materials and painted components. Both friable and nonfriable suspect asbestos-containing materials were considered during the course of the survey. Friable materials can be pulverized or reduced to powder by hand pressure. A sampling strategy was determined, and bulk samples of suspect ACMs were obtained. Suspect ACMs were grouped based on material homogeneity. A homogeneous area is an area which contains materials that appear by texture, color and wear to be uniform and applied during the same general time period.

To determine the presence or absence of asbestos content in the suspect materials, samples were collected and transported Eurofins-CEI, located in Cary, North Carolina under chain-of-custody documentation for laboratory analysis. The collected samples were placed into individual sample containers, sealed and a unique identification number was assigned to the sample container at the time of collection. The identification included the sample collection date and location. This information was logged on our Asbestos Bulk Sampling Record and submitted to the laboratory.

ANALYSIS PROCEDURES AND RESULTS

The collected asbestos samples were analyzed using Polarized Light Microscopy (PLM) in conjunction with dispersion staining techniques using EPA Method 600/M4-82-020 per 40 CFR 763. The bulk laboratory analysis provided the asbestos content (positive or negative), percentage of asbestos, asbestos type and identification of other non-asbestos fibers. A material is classified as asbestos-containing if it contains more than 1% asbestos by weight, according to EPA regulations. A listing of all samples and analytical results can be found in the attached laboratory report.

No asbestos-containing materials were identified at the facility during our inspection.

LEAD-BASED PAINT SURVEY PROCEDURES

The lead-based paint survey started with our inspectors/risk assessor walking through the subject building to document testing combinations and select test locations. The walls/sides of the property are distinguished by Side A, B, C, or D. Wall or side A is considered the front of the building, then moving clockwise would be wall/side B, C (rear), and D. After the testing strategy was determined, Matrix used a Viken PB200e Lead Paint Spectrum Analyzer (XRF) to determine the lead content (mg/cm²) of painted surfaces at the subject property. For the purpose of this survey, paints with concentrations of 1.0 mg/cm² or greater were considered lead-based paint.

The following summary presents the lead-based paint testing results for the designated renovation areas. While lead concentrations below 1.0 mg/cm² do not meet the federal definition of lead-based paint, they may still pose a lead dust hazard. For a comprehensive list of all tested surfaces and corresponding XRF results, please refer to the attached XRF Testing Report.

(XRF) Summary – Identified Lead-Based Paints

COMPONENT	SUBSTRATE	COLOR	LOCATION	LEAD CONTENT (mg/cm ²)	CONDITION
Handrail	Metal	Tan	Loading Dock Area	8.5	Intact
Dock Band	Metal	Yellow	Loading Dock	5.3	Deteriorated
Door Casing	Metal	Tan	Loading Dock Bay Doors	5.1	Intact
Corner Guard	Metal	Tan	Loading Dock Bay Doors	4.1	Intact

Matrix recommends that activities that cause the disturbance of lead-based paint (renovation activities that disturb greater than 6 square feet of paint or more per interior room or greater than 20 square feet of paint on the exterior of the home) be performed by North Carolina Certified Renovators. Matrix recommends that North Carolina Certified Renovators perform renovation activities in accordance with the standards of the Lead-Based Paint Renovation, Repair, and Painting Program (EPA 40 CFR Part 745).

Personnel involved in renovation or demolition activities that may disturb painted surfaces containing any amount of lead must comply with OSHA regulations, specifically the **OSHA Lead in Construction Standard (29 CFR 1926.62)**, to minimize employee lead exposure.

The Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) states that “negative” readings (i.e. those below the HUD/EPA definition of what constitutes LBP [1.0 mg/cm²]) **does not** relieve contractors from performing exposure assessments (personal air monitoring) on their employees per the OSHA Lead Standard, and should not be interpreted as lead free. Although a reading may indicate “negative”, airborne lead concentrations still may exceed the OSHA Action Level or the OSHA Permissible exposure limit (PEL) depending on the work activity.

QUALIFICATIONS

This report summarizes Matrix’s evaluation of the conditions observed at the subject building during the course of the facility survey. Our findings are based upon our observations at the building and analyses of the samples obtained at the time of this survey. Additional asbestos-containing materials may exist (undetected) in other portions of the building due to inaccessibility or due to an undetectable change in materials. Any conditions discovered which deviate from the data contained in this report should be presented to us for our evaluation.

We appreciate the opportunity to provide these services and are available to discuss the report's findings at your convenience. If you have any questions regarding this report or its results, please contact us.

Sincerely,

MATRIX HEALTH AND SAFETY CONSULTANTS, L.L.C.



C. Britt Wester, CIH
Principal

Attachments: Site Photographs
 Asbestos Laboratory Analysis Report
 XRF Data

Site Photographs



1105 Warehouse Drive

Selected images...

Identified Lead-Based Paints

 Reading #79	 Reading #81
 Reading #83	 Reading #84

Asbestos Laboratory Analysis Report

October 23, 2025

Britt Wester
Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

CLIENT PROJECT: 1105 Warehouse Dr.
LAB CODE: 699667-1

Dear Britt,

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on October 22, 2025. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials and EPA 40 CFR Appendix E to Subpart E of Part 763: Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% by calibrated visual estimate.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Kamila Reichert,
Laboratory Director

NVLAP 101768-0



Built Environment Testing

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

Matrix Health & Safety Consultants

CLIENT PROJECT:	1105 Warehouse Dr.
LAB CODE:	699667-1
TEST METHOD:	EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763
REPORT DATE:	10/23/25
TOTAL SAMPLES ANALYZED:	22
# SAMPLES >1% ASBESTOS:	0
TOTAL LAYERS ANALYZED:	24

Project: 1105 Warehouse Dr.

Lab Code: 699667-1

Method: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

Client ID	Lab ID	Layer	Sample Description	Asbestos %
1105-1	3822416		White/tan ceiling tile	None Detected
1105-2	3822417		White/tan ceiling tile	None Detected
1105-3	3822418		White/gray fitting	None Detected
1105-4	3822419		White/gray fitting	None Detected
1105-5	3822420		White/gray fitting	None Detected
1105-6	3822421	Layer A	White joint compound	None Detected
		Layer B	White/tan drywall	None Detected
1105-7	3822422	Layer A	White joint compound	None Detected
		Layer B	White/tan drywall	None Detected
1105-8	3822423		Gray floor tile	None Detected
1105-8 (2)	3824703		Black mastic	None Detected
1105-9	3822424		Gray floor tile	None Detected
1105-9 (2)	3824724		Black mastic	None Detected
1105-10	3822425		Blue floor tile	None Detected
1105-10 (2)	3824725		Yellow mastic	None Detected
1105-11	3822426		Blue floor tile	None Detected
1105-11 (2)	3824726		Yellow mastic	None Detected
1105-12	3822427		Yellow cove base mastic	None Detected
1105-13	3822428		Yellow cove base mastic	None Detected
1105-14	3822429		White/yellow thermal systems insulation (tsi)	None Detected
1105-15	3822430		White/yellow thermal systems insulation (tsi)	None Detected
1105-16	3822431		White/yellow thermal systems insulation (tsi)	None Detected
1105-17	3822432		Brown/white glazing	None Detected
1105-18	3822433		Brown/white glazing	None Detected

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: 699667-1
Date Received: 10/22/25
Date Analyzed: 10/23/25
Date Reported: 10/23/25

Project: 1105 Warehouse Dr.

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
1105-1 3822416	Ceiling Tile	Heterogeneous	60%	Cellulose	15%	Perlite	None Detected
		White/tan	20%	Glass	5%	Paint	
		Fibrous					
		Loosely Bound					
1105-2 3822417	Ceiling Tile	Heterogeneous	60%	Cellulose	15%	Perlite	None Detected
		White/tan	20%	Glass	5%	Paint	
		Fibrous					
		Loosely Bound					
1105-3 3822418	Fitting	Heterogeneous	30%	Glass	65%	Binder	None Detected
		White/gray			5%	Paint	
		Fibrous					
		Loosely Bound					
1105-4 3822419	Fitting	Heterogeneous	30%	Glass	65%	Binder	None Detected
		White/gray			5%	Paint	
		Fibrous					
		Loosely Bound					
1105-5 3822420	Fitting	Heterogeneous	10%	Cellulose	55%	Binder	None Detected
		White/gray	30%	Glass	5%	Paint	
		Fibrous					
		Loosely Bound					
1105-6 Layer A 3822421	Joint Compound	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-Fibrous			5%	Paint	
		Bound					
Layer B 3822421	Drywall	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
		White/tan					
		Fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: 699667-1
Date Received: 10/22/25
Date Analyzed: 10/23/25
Date Reported: 10/23/25

Project: 1105 Warehouse Dr.

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
1105-7 Layer A 3822422	Joint Compound	Heterogeneous			65%	Binder	None Detected
		White		30%	Calc Carb		
		Non-Fibrous		5%	Paint		
		Bound					
Layer B 3822422	Drywall	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
		White/tan					
		Fibrous					
		Bound					
1105-8 3822423	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Gray					
		Non-Fibrous					
		Bound					
1105-8 (2) 3824703	Mastic	Homogeneous			100%	Mastic	None Detected
		Black					
		Non-Fibrous					
		Bound					
1105-9 3822424	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Gray					
		Non-Fibrous					
		Bound					
1105-9 (2) 3824724	Mastic	Homogeneous			100%	Mastic	None Detected
		Black					
		Non-Fibrous					
		Bound					
1105-10 3822425	Floor Tile	Homogeneous			100%	Vinyl	None Detected
		Blue					
		Non-Fibrous					
		Bound					

ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: 699667-1
Date Received: 10/22/25
Date Analyzed: 10/23/25
Date Reported: 10/23/25

Project: 1105 Warehouse Dr.

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous	Non-Fibrous			%
1105-10 (2) 3824725	Mastic	Homogeneous Yellow Non-Fibrous Bound		100%	Mastic		None Detected
1105-11 3822426	Floor Tile	Homogeneous Blue Non-Fibrous Bound		100%	Vinyl		None Detected
1105-11 (2) 3824726	Mastic	Homogeneous Yellow Non-Fibrous Bound		100%	Mastic		None Detected
1105-12 3822427	Cove Base Mastic	Homogeneous Yellow Non-Fibrous Bound		100%	Mastic		None Detected
1105-13 3822428	Cove Base Mastic	Homogeneous Yellow Non-Fibrous Bound		100%	Mastic		None Detected
1105-14 3822429	Thermal Systems Insulation (Tsi)	Heterogeneous White/yellow Fibrous Loosely Bound	10% 70%	Cellulose Glass	10% 5% 5%	Foil Paint Mastic	None Detected
1105-15 3822430	Thermal Systems Insulation (Tsi)	Heterogeneous White/yellow Fibrous Loosely Bound	10% 70%	Cellulose Glass	10% 5% 5%	Foil Paint Mastic	None Detected

ASBESTOS BULK ANALYSIS

By: Polarized Light Microscopy

Client: Matrix Health & Safety Consultants
2900 Yonkers Road
Raleigh, NC 27604

Lab Code: 699667-1
Date Received: 10/22/25
Date Analyzed: 10/23/25
Date Reported: 10/23/25

Project: 1105 Warehouse Dr.

Method: ASBESTOS BULK PLM, EPA 600 METHOD

Client ID	Lab	Lab	NON-ASBESTOS COMPONENTS				ASBESTOS
Lab ID	Description	Attributes	Fibrous		Non-Fibrous		%
1105-16 3822431	Thermal Systems Insulation (Tsi)	Heterogeneous	10%	Cellulose	10%	Foil	None Detected
		White/yellow	70%	Glass	5%	Paint	
		Fibrous			5%	Mastic	
		Loosely Bound					
1105-17 3822432	Glazing	Heterogeneous			70%	Binder	None Detected
		Brown/white			30%	Calc Carb	
		Non-Fibrous			<1%	Paint	
		Bound					
1105-18 3822433	Glazing	Heterogeneous			70%	Binder	None Detected
		Brown/white			30%	Calc Carb	
		Non-Fibrous			<1%	Paint	
		Bound					

LEGEND:

Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 40 CFR Appendix E to Subpart E of Part 763

REPORTING LIMIT: 1% by calibrated visual estimation

REGULATORY LIMIT: 1%

Due to the limitations of the EPA 600 / R93 / 116 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

Eurofins Built Environment Testing East, LLC makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins Built Environment Testing East, LLC. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.



Regan Kerns
Analyst

DATA QA:



Samantha Webster
10/23/2025

APPROVED BY:



Kamila Reichert,
Laboratory Director



Built Environment Testing

RES Job #: 699667

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES	
Company: Matrix Health & Safety Consultants		Company: Matrix Health & Safety Consultants		Contact: Britt Wester		-1 PLM Priority	
Address: 2900 Yonkers Road		Address: 2900 Yonkers Road		Phone: (919) 868-6181			
Raleigh, NC 27604		Raleigh, NC 27604		Fax:			
				Cell:			
Project Number and/or P.O. #: None Given		Projected Zip Code:		Final Data Deliverable Email Address:			
Projected Description/Location: 1105 Warehouse Dr.				cbw@matrixhsc.com (+2 ADDNL. CONTACTS)			

ASBESTOS LABORATORY					REQUESTED ANALYSIS								VALID MATRIX CODES				LAB NOTES			
PLM/PCM/TEM/NYS	DTL	RUSH	PRIORITY	STANDARD	ASBESTOS	CHEMISTRY	MICROBIOLOGY	ICO	Sample Volume (L) / Area	Sample Temperature (°C)	Length (or Aliquots) x Width (or Area/Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm					
CHEMISTRY LABORATORY Dust Metals Organics* MICROBIOLOGY LABORATORY Viable Analysis** Medical Device Analysis Mold Analysis **Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.** Special Instructions: Client Sample ID Number (Sample ID's must be unique) 1 1105-1 2 1105-2 3 1105-3 4 1105-4 5 1105-5 6 1105-6 7 1105-7 8 1105-8 9 1105-9 10 1105-10 11 1105-11 12 1105-12 13 1105-13					X										B					
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Eurofins Built Environment Testing East, LLC establishes a unique Lab Sample ID, for each sample, by preceding each unique Client Sample ID with the laboratory RES Job Number. Eurofins Built Environment Testing East, LLC will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET30. Failure to comply with payment terms may result in a 15% APR finance charge.

Relinquished By:	Date/Time: 10/22/2025 12:39:10	Sample Condition: Acceptable
Received By:	Date/Time: 10/22/2025 12:39:10	Carrier: Hand



RES Job #: 699667

Submitted By: Matrix Health & Safety Consultants

 Built Environment Testing																			



CEI

CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511
Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:

ECEI Lab Code:

ECEI Lab I.D. Range:

699667

COMPANY INFORMATION	PROJECT INFORMATION
ECEI CLIENT #:	Job Contact: Britt Wester
Company: Matrix Health & Safety Consultants, LLC	Email / Tel: 1105 NAREHOUSE DR.
Address: 2900 Yonkers Road	Project Name: Lattie's Little Lambs
Raleigh, NC 27604	Project ID#: AIS-CCF-004083
Email: cbw@matrixhsc.com	PO #: AIS-CCF-004083
Tel: 919-833-2520 Fax:	STATE SAMPLES COLLECTED IN:

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	☐	☐	☒	☐	☒	☐
PLM POINT COUNT (400)	EPA 600	☐	☐	☐	☐	☐	☐
PLM POINT COUNT (1000)	EPA 600	☐	☐	☐	☐	☐	☐
PLM GRAV w POINT COUNT	EPA 600		☐	☐	☐	☐	☐
PLM BULK	CARB 435		☐	☐	☐	☐	☐
PCM AIR*	NIOSH 7400	☐	☐	☐	☐	☐	☐
TEM AIR	EPA AHERA	☐	☐	☐	☐	☐	☐
TEM AIR	NIOSH 7402	☐	☐	☐	☐	☐	☐
TEM AIR (PCME)	ISO 10312	☐	☐	☐	☐	☐	☐
TEM AIR	ASTM 6281-15	☐	☐	☐	☐	☐	☐
TEM BULK	CHATFIELD		☐	☐	☐	☐	☐
TEM DUST WIPE	ASTM D5480-05 (2010)	☐	☐	☐	☐	☐	☐
TEM DUST MICROVAC	ASTM D5755-09 (2014)	☐	☐	☐	☐	☐	☐
TEM SOIL	ASTM D7521-16			☐	☐	☐	☐
TEM VERMICULITE	CINCINNATI METHOD			☐	☐	☐	☐
TEM QUALITATIVE	IN-HOUSE METHOD		☐	☐	☐	☐	☐
OTHER:		☐	☐	☐	☐	☐	☐

*Blanks should be taken from the same sample lot as field samples.

REMARKS / SPECIAL INSTRUCTIONS:		☒ Accept Samples ☐ Reject Samples	
See attached BSR			
Relinquished By:	Date/Time	Received By:	Date/Time
Britt Wester	11/21/2025 10/22/25	CR2	6/22/25 11:55 AM

By submitting samples, you are agreeing to ECEI's Terms and Conditions.
Samples will be disposed of 30 days after analysis

Page ____ of ____

Version: CCOC.07.18.1/2.LD

Hand

SAMPLING FORM
COMPANY CONTACT INFORMATION

Company: <u>MATRIX</u>	Job Contact: <u>Britt Wester</u>
Project Name: <u>1105 Warehouse Dr.</u>	
Project ID #:	Tel:

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
1105-1	2x2 Ceiling Tile - office	575 SF	☒	☐
1105-2	2x2 Ceiling Tile - office	"	☒	☐
1105-3	TSI - Fitting - Roof Drain	2	☒	☐
1105-4	TSI - Fitting - Roof Drain	"	☒	☐
1105-5	TSI - Fitting - Elbow	4	☒	☐
1105-6	Drywall w/ Joint Compound	800 SF	☒	☐
1105-7	Drywall w/ Joint Compound	"	☒	☐
1105-8	12x12 Gray F.T. + Mastic	144 SF	☒	☐
1105-9	12x12 Gray F.T. + Mastic	"	☒	☐
1105-10	12x12 Blue F.T. + Mastic	320 SF	☒	☐
1105-11	12x12 Blue F.T. + Mastic	"	☒	☐
1105-12	Baseboard Mastic	180 LF	☒	☐
1105-13	Baseboard Mastic	"	☒	☐
1105-14	TSI - Pipe Drain	50 LF	☒	☐
1105-15	TSI - P.P.C. Roof Drain	"	☒	☐
1105-16	TSI - Pipe	"	☒	☐
1105-17	Window Glazing Exterior	1 sq ft	☒	☐
1105-18	Window Glazing	"	☒	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐
			☐	☐

XRF Lead Data

1105 Warehouse Drive

Matrix Health & Saefity
2900 Yonkers Road
Raleigh, NC 27604

INSPECTION SITE:	1105 Warehouse Drive Raleigh, NC
INSPECTION DATE:	10/22/2025 - 10/22/2025
INSTRUMENT TYPE:	Viken Detection Pb200i XRF Lead Paint Analyzer 3568
ACTION LEVEL:	1.0 (mg/cm ²)
STATEMENT:	CLRA - Britt Wester - 120173

1105 Warehouse Drive

Inspection Date:

10/22/2025 - 10/22/2025

Inspection Site:

1105 Warehouse Drive
Raleigh, NC

Action Level:

1.0 (mg/cm²)

Total Readings:

48

Unit Started:

10/22/2025 09:27:07

Unit Ended:

10/22/2025 11:47:44

Read #	Result	RTA Present	Component	Substrate	Side	Condition	Lead (mg/cm ²)	Mode
71 (CAL)		Off			Calibration		1.0 mg/cm ²	Action Level (1.0)
72 (CAL)		Off			Calibration		1.0 mg/cm ²	Action Level (1.0)
73 (CAL)		Off			Calibration		1.0 mg/cm ²	Action Level (1.0)
74 (CAL)		Off			Calibration		0.0 mg/cm ²	Action Level (1.0)
75 (CAL)		Off			Calibration		0.0 mg/cm ²	Action Level (1.0)
76 (CAL)		Off			Calibration		0.0 mg/cm ²	Action Level (1.0)
77	Negative	Off	Window Casing	Metal	A	Intact	0.1 mg/cm ²	Action Level (1.0)
78	Negative	Off	Window Sash	Metal	A	Deteriorated	0.3 mg/cm ²	Action Level (1.0)
79 🚩	Positive	Off	Railing	Metal	A	Intact	8.5 mg/cm ²	Action Level (1.0)
80	Negative	Off	Tread	Metal	A	Intact	0.6 mg/cm ²	Action Level (1.0)
81 🚩	Positive	Off	dock band	Metal	A	Deteriorated	5.3 mg/cm ²	Action Level (1.0)
82	Negative	Off	garage door	Metal	A	Intact	0.0 mg/cm ²	Action Level (1.0)

1105 Warehouse Drive

Inspection Date:

10/22/2025 - 10/22/2025

Inspection Site:

1105 Warehouse Drive
Raleigh, NC

Action Level:

1.0 (mg/cm²)

Total Readings:

48

Unit Started:

10/22/2025 09:27:07

Unit Ended:

10/22/2025 11:47:44

Read #	Result	RTA Present	Component	Substrate	Side	Condition	Lead (mg/cm ²)	Mode
83 🚫	Positive	Off	Door Casing	Metal	A	Intact	5.1 mg/cm ²	Action Level (1.0)
84 🚫	Positive	Off	Corner Board	Metal	A	Intact	4.1 mg/cm ²	Action Level (1.0)
85	Negative	Off	Door Jamb	Metal	A	Intact	0.5 mg/cm ²	Action Level (1.0)
86	Negative	Off	Door	Metal	A	Intact	0.1 mg/cm ²	Action Level (1.0)
87	Negative	Off	Door Casing	Wood	C	Intact	0.1 mg/cm ²	Action Level (1.0)
88	Negative	Off	Door Casing	Metal	C	Intact	0.1 mg/cm ²	Action Level (1.0)
89	Negative	Off	Door	Metal	C	Intact	0.0 mg/cm ²	Action Level (1.0)
90	Negative	Off	Window Casing	Metal	D	Intact	0.0 mg/cm ²	Action Level (1.0)
91	Negative	Off	Wall	Cinderblock	A	Intact	0.0 mg/cm ²	Action Level (1.0)
92	Negative	Off	Wall	Drywall	B	Intact	0.0 mg/cm ²	Action Level (1.0)
93	Negative	Off	Wall	Drywall	C	Intact	0.1 mg/cm ²	Action Level (1.0)
94	Negative	Off	Wall	Cinderblock	D	Intact	0.0 mg/cm ²	Action Level (1.0)

1105 Warehouse Drive

Inspection Date:

10/22/2025 - 10/22/2025

Action Level:

1.0 (mg/cm²)

Total Readings:

48

Unit Started:

10/22/2025 09:27:07

Unit Ended:

10/22/2025 11:47:44

Inspection Site:

1105 Warehouse Drive
Raleigh, NC

Read #	Result	RTA Present	Component	Substrate	Side	Condition	Lead (mg/cm ²)	Mode
95	Negative	Off	Window Casing	Metal	A	Intact	0.2 mg/cm ²	Action Level (1.0)
96	Negative	Off	Window Sash	Metal	A	Intact	0.2 mg/cm ²	Action Level (1.0)
97	Negative	Off	Door	Wood	B	Deteriorated	0.1 mg/cm ²	Action Level (1.0)
98	Negative	Off	Door Casing	Metal	B	Intact	0.1 mg/cm ²	Action Level (1.0)
99	Negative	Off	Wall	Brick	A	Intact	0.2 mg/cm ²	Action Level (1.0)
100	Negative	Off	Wall	Brick	B	Intact	0.2 mg/cm ²	Action Level (1.0)
101	Negative	Off	Wall	Cinderblock	C	Intact	0.1 mg/cm ²	Action Level (1.0)
102	Negative	Off	Wall	Drywall	D	Intact	0.0 mg/cm ²	Action Level (1.0)
103	Negative	Off	Floor	Concrete		Intact	0.3 mg/cm ²	Action Level (1.0)
104	Negative	Off	Ceiling	Metal		Intact	0.1 mg/cm ²	Action Level (1.0)
105	Negative	Off	Ductwork	Metal		Intact	0.1 mg/cm ²	Action Level (1.0)
106	Negative	Off	Base Cabinet	Wood	C	Intact	0.0 mg/cm ²	Action Level (1.0)

1105 Warehouse Drive

Inspection Date:

10/22/2025 - 10/22/2025

Inspection Site:

1105 Warehouse Drive
Raleigh, NC

Action Level:

1.0 (mg/cm²)

Total Readings:

48

Unit Started:

10/22/2025 09:27:07

Unit Ended:

10/22/2025 11:47:44

Read #	Result	RTA Present	Component	Substrate	Side	Condition	Lead (mg/cm ²)	Mode
107	Negative	Off	Ductwork	Metal		Intact	0.1 mg/cm ²	Action Level (1.0)
108	Negative	Off	Wall	Cinderblock	A	Intact	0.0 mg/cm ²	Action Level (1.0)
109	Negative	Off	Wall	Drywall	B	Intact	0.0 mg/cm ²	Action Level (1.0)
110	Negative	Off	Wall	Cinderblock	C	Intact	0.1 mg/cm ²	Action Level (1.0)
111	Negative	Off	Wall	Brick	D	Intact	0.0 mg/cm ²	Action Level (1.0)
112	Negative	Off	Floor	Concrete		Deteriorated	0.3 mg/cm ²	Action Level (1.0)
113 (CAL)	Off	Off	Floor	Concrete		Deteriorated	1.1 mg/cm ²	Action Level (1.0)
114 (CAL)	Off	Off	Floor	Concrete		Deteriorated	1.2 mg/cm ²	Action Level (1.0)
115 (CAL)	Off	Off	Floor	Concrete		Deteriorated	1.1 mg/cm ²	Action Level (1.0)
116 (CAL)	Off	Off	Floor	Concrete		Deteriorated	0.0 mg/cm ²	Action Level (1.0)
117 (CAL)	Off	Off	Floor	Concrete		Deteriorated	0.0 mg/cm ²	Action Level (1.0)
118 (CAL)	Off	Off	Floor	Concrete		Deteriorated	0.0 mg/cm ²	Action Level (1.0)

1105 Warehouse Drive

Inspection Date:	10/22/2025 - 10/22/2025	Inspection Site:	1105 Warehouse Drive
Action Level:	1.0 (mg/cm ²)		Raleigh, NC
Total Readings:	48		
Unit Started:	10/22/2025 09:27:07		
Unit Ended:	10/22/2025 11:47:44		

----- END OF READINGS -----

SECTION 087100 - DOOR HARDWARE

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. *Provisions of the Contract in Division 1 and of the Contract Documents apply to this Section.*

1.2 ACTION SUBMITTALS

- A. *Product Data: Include installation details, material descriptions, dimensions of individual components and profiles, and finishes.*
- B. *Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.*
 - 1. *Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."*
 - 2. *Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening.*
 - a. *Organize door hardware sets in same order as in the Door Hardware Schedule at the end of Part 3.*
 - 3. *Content: Include the following information:*
 - a. *Type, style, function, size, label, hand, and finish of each door hardware item.*
 - b. *Manufacturer of each item.*
 - c. *Fastenings and other pertinent information.*
 - d. *Location of each door hardware set, cross-referenced to the Drawings, both on floor plans and in door and frame schedule.*
 - e. *Explanation of abbreviations, symbols, and codes contained in schedule.*
 - f. *Mounting locations for door hardware.*
 - g. *Door and frame sizes and materials.*
 - 4. *Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.*
- C. *Keying Schedule: Provide keying schedule and factory bitting list to the owner and include in the closeout documents.*

1.3 INFORMATIONAL SUBMITTALS

- A. *Warranties: Special warranties specified in this Section.*

1.4 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For each type of door hardware to include final door hardware schedule and catalog information.*

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance with at least five years of experience.*
- B. Supplier Qualifications: Door hardware supplier with local warehousing facilities and who is or employs a certified Architectural Hardware Consultant, available during the course of the work to consult with Contractor, Architect, and Owner about door hardware coordination and keying.*
- 1. Scheduling Responsibility: Preparation of door hardware and keying schedules.*
- C. Architectural Hardware Consultant Qualifications: A person who is currently certified by the Door and Hardware Institute as an Architectural Hardware Consultant and who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project.*
- D. Source Limitations: Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.*
- E. Regulatory Requirements: Comply with provisions of the following:*
- 1. Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), ANSI A117.1, as follows:*
- a. Handles, Pulls, Latches, Locks, and other Operating Devices: Shape easy to grasp with one hand and not requiring tight grasping, tight pinching, or twisting of wrist.*
- b. Door Closers: Comply with the following opening-force requirements:*
- 1) Interior Hinged Doors: Maximum 5 lbf applied perpendicular to door.*
- 2) Fire Doors: Minimum opening force per authorities having jurisdiction.*
- c. Thresholds: Not more than 1/2-inch-high, beveled with maximum slope of 1:2.*
- 2. NFPA 101: Comply with the following for means of egress doors:*
- a. Latches, Locks, and Exit Devices: Not more than 15 lbf to release the latch. Locks shall not require the use of a key, tool, or special knowledge for operation.*
- b. Door Closers: Not more than 30 lbf to set door in motion and not more than 15 lbf to open door to minimum required width.*
- c. Thresholds: Not more than 1/2 inch high.*

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware upon receipt and provide secure lock-up for door hardware delivered to project site.*

- B. Tag items with identification related to the final Door Hardware Schedule and include basic installation instructions with each item or package.*
- C. Deliver keys to Construction Manager at the Project site or directly to the owner as coordinated.*

1.7 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Check the Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements for proper function.*

1.8 WARRANTY

- A. General Warranty: Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.*
- B. Warranty Period: One year from date of Substantial Completion, unless otherwise indicated below.*
 - 1. Manual Closers: Thirty (30) years from date of Substantial Completion.*
 - 2. Locks: Ten (10) years from date of Substantial Completion.*

1.9 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools, if any and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.*

PART 2 PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in this Section, door hardware sets indicated in door and frame schedule, and the Door Hardware Schedule at the end of Part 3.*
 - 1. Door Hardware Sets: Provide quantity, item, size, finish, and color indicated, and the products specified in the hardware sets.*

- B. Designations:** Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Schedule at the end of Part 3. Products are identified by using door hardware designations, as follows:
1. **Named Manufacturer's Products:** Basis-of-Design Product manufacturers are listed for each door hardware type required. Alternate manufacturers will only be considered as indicated below in B.2 as these are the owner's standards.
 2. **Manufacturers:**
 - a. Hinges - Ives, Best, Roton.
 - b. Mortise Locks - Schlage L9000, Accurate 9000/9100, Sargent 8200.
 - c. Patented Cylinders - Medeco M3 (Provided by The Owner's Vendor).
 - d. Auxiliary Hardware - Ives, Burns, Trimco.
 - e. Closers - LCN 4010/4110/4020, Corbin-Russwin DC8000, Sargent 281.
 - f. Weatherstrip - Zero International, National Guard, Reese, Pemko.

2.2 KEY REQUIREMENTS

- A. Upon receipt of approved Hardware Schedule, arrange a meeting with the general contractor and the owner's representative to obtain and determine necessary keying information. Owner's proprietary vendor, Marshall's Locksmith to conduct the meeting.**
1. **Metals:** Construct lock cylinder parts from brass, bronze, stainless steel or nickel silver.
 2. **Cores** shall be the same product of a single manufacturer and identified on the core face.
 3. All locksets, exit devices, and padlocks shall accept same core.
 4. All doors shall be furnished with a construction master keying system for interim use during construction. Keyed alike standard cylinders supplied with the mortise locks may be used as the construction keyed system. Exit devices must be construction keyed on a separate Medeco construction system provided by the owner's proprietary vendor.
 5. Provide a patented keyway and keys that cannot be duplicated without owner authorization.
- B. All permanent keying of lock cylinders shall be as directed by the owner.**
1. Deliver all permanent keys directly to the owner unless otherwise directed.

2.3 FABRICATION

- A. Manufacturer's Nameplate:** Do not provide manufacturers' products that have manufacturer's name or trade name displayed in a visible location (omit removable nameplates) except in conjunction with required fire-rated labels and as otherwise approved by Architect.
- B. Base Metals:** Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18 for finishes. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- C. Fasteners:** Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to

commercially recognized industry standards for application intended. Provide Phillips flat-head screws with finished heads to match surface of door hardware, unless otherwise indicated.

- 1. Concealed Fasteners: For door hardware units that are exposed when door is closed, except for units already specified with concealed fasteners. Do not use through bolts for installation where bolt head or nut on opposite face is exposed unless it is the only means of securely attaching the door hardware. Where through bolts are used on hollow door and frame construction, provide sleeves for each through bolt.*
- 2. Steel Machine or Wood Screws: For the following fire-rated applications:*
 - a. Mortise hinges to doors.*
 - b. Strike plates to frames.*
 - c. Closers to doors and frames.*
- 3. Steel Through Bolts: For the following fire-rated applications, unless door blocking is provided:*
 - a. Surface hinges to doors.*
 - b. Closers to doors and frames.*
 - c. Surface-mounted exit devices.*
- 4. Spacers or Sex Bolts: For through bolting of hollow metal doors.*
- 5. Fasteners for Wood Doors: Comply with requirements of DHI WDHS.2, "Recommended Fasteners for Wood Doors."*

2.4 FINISHES

- A. Standard: Comply with BHMA A156.18.*
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.*
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if within the range of approved Samples and assembled or installed to minimize contrast.*
- D. BHMA Designations: Comply with base material and finish requirements indicated by the following:*
 - 1. BHMA 626/US26D: Satin chromium plated over brass or bronze base metal.*
 - 2. BHMA 630/US32D: Satin stainless steel, stainless-steel base metal.*
 - 3. BHMA 652/US26D: Satin chromium plated over steel base metal.*
 - 4. BHMA 628/US28: Satin anodized aluminum.*

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.***
- B. Proceed with installation only after unsatisfactory conditions have been corrected.***

3.2 PREPARATION

- A. Steel Doors and Frames: Comply with DHI A115 series.***
 - 1. Surface-Applied Door Hardware: Drill and tap doors and frames according to SDI 107.***
- B. Wood Doors: Comply with DHI A115-W series.***

3.3 INSTALLATION

- A. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:***
 - 1. Standard Steel Door Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."***
 - 2. DHI WDHS.3, Locations for Wood Doors."***
 - 3. The hollow metal manufacturer's standard locations may also be used.***
- B. Install each door hardware item to comply with manufacturer's printed instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surfacemounted items until finishes have been completed on substrates involved.***
 - 1. Set units level, plumb, and true to line and location. Adjust and reinforce attachment substrates as necessary for proper installation and operation.***
 - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.***

3.4 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.***
 - 1. Door Closers: Adjust sweep period so that, from an open position of 70 degrees, the door will take at least three (3) seconds to move to a point 3 inches from latching, measured to the leading edge of the door. Adjust backcheck so that the opening of the***

door slows at approximately 70-75 degrees. Adjust opening force to meet ADA requirements.

3.5 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.*
- B. Clean operating items as necessary to restore proper function and finish.*
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.*

3.6 DOOR HARDWARE SCHEDULE

- A. HW-1: Office Doors.*
 - 1. 3 EACH HINGE 5BB1 4.5 X 4.5 652 IVES.*
 - 2. 1 EACH ENTRANCE LOCK ND53JD BRK 626 SCHLAGE.*
 - 3. 1 EACH LARGE FORMAT INTERCHANGEABLE CORE 320201 T 626 MEDCO.*
 - 4. 1 EACH WALL STOP WS406/407CCV 630 IVES.*
 - 5. 3 EACH SILENCER SR64 GRY IVES.*
- B. HW-2: Single Occupancy Restroom Doors.*
 - 1. 3 EACH HINGE 5BB1 4.5 X 4.5 52 IVES.*
 - 2. 1 EACH PRIVACY LOCK W/ OUTSIDE INDICATOR ND40S BRK OS-OCC 626 SCHLAGE.*
 - 3. 1 EACH SURFACE CLOSER 4011 REGARM 689 LCN.*
 - 4. 1 EACH MOP PLATE 8400 6" B-CS 630 IVES.*
 - 5. 1 EACH KICK PLATE 8400 8" B-CS 630 IVES.*
 - 6. 1 EACH WALL STOP WS406/407CCV 630 IVES.*
 - 7. 3 EACH SILENCER SR64 GRY IVES.*
- C. HW-3: Closet Doors.*
 - 1. 3 EACH HINGE 5BB1 4.5 X 4.5 652 IVES.*
 - 2. 1 EACH CLASSROOM LOCK ND70JD BRK 626 SCHLAGE.*
 - 3. 1 EACH LARGE FORMAT INTERCHANGEABLE CORE 320201 T 626 MEDCO.*
 - 4. 1 EACH FLOOR STOP FS13 630 IVES.*
 - 5. 3 EACH SILENCER SR64 GRY IVES.*
- D. HW-4: Exterior Doors.*
 - 1. 3 EACH HINGE 5BB1 4.5 X 4.5 NRP 630 IVES.*
 - 2. 1 EACH STOREROOM LOCK L9080L M81A 626 SCHLAGE.*
 - 3. 1 EACH MORTISE CYLINDER 100200T 626 MEDCO.*
 - 4. 1 EACH SURFACE CLOSER 4111 CUSH 689 LCN.*
 - 5. 1 EACH KICK PLATE 8400 8" B-CS 630 IVES.*
 - 6. 1 EACH RAIN DRIP 142AA AA ZERO.*
 - 7. 1 SET GASKETING 429AA-S AA ZERO.*

CoR 1105 Warehouse Dr Reno
Raleigh NC

- 8. 1 EACH DOOR SWEEP 39A A ZERO.**
- 9. 1 EACH THRESHOLD 655A A ZERO.**

END OF SECTION 087100