

**Finance**

Purchasing Division
305 Chestnut Street, 5th Floor
Post Office Box 1810
Wilmington, NC 28402-1810

910 341-7830
910 341-7842 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

ADDENDUM NUMBER 1

Municipal Golf Course Club House Facility Additions & Renovations

PB-SSA-0420

APRIL 9, 2020

To all holders of Bid Documents; please be advised to the following:

THIS ADDENDUM CHANGES THE BID OPENING DATE

Information:

BID OPENING HAS BEEN EXTENDED TO TUESDAY MAY 19, 2020 at 3:00 P.M.

General Items

1. Pre bid meeting attendance and meeting minutes are enclosed.
2. An asbestos survey has been performed by the owner. Asbestos is not present. The survey and report are attached.
3. Given the age of the building paint containing lead is probably present. When working with old painted materials, contractors are to follow federal guidelines set by the EPA and OSHA.

Specification Items

4. Section 02 4100 Demolition has been revised to remove whole building demolition. Demolition is limited to only as shown to complete the clubhouse renovations.

Drawing Items

5. E1.4 Electrical Cart Barn Building Plan; All work shown on this sheet is part of alternate bid G-1.
6. E 1.5 Electrical Site Plan: The Cart Barn and power service to the cart barn as shown and described in key note 1 and 4 is part of alternate bid G-1.
7. E6.3 Electric Panel Schedules, Energy Code : Panel PM and all labor and materials to install and reconnect existing circuits in this panel is part of alternate bid G-1.
8. E71. Electrical Risers: C E7.1, The work shown is part of alternate bid G-1.

Clarifications

No items

Approved Substitutions

No Items

Acknowledge receipt of this Addendum in the space provided in the Proposal. Failure to do so may disqualify the Bidder.

Daryle L. Parker, Purchasing Manager
Purchasing Division

END OF ADDENDUM ONE



PLAN HOLDERS

Municipal Golf Course Clubhouse Facility Additions & Renovations

Contract No: PB-SSA-0420

Pre-Bid Thursday, March 19, 2020 at 3:00 p.m.
311 Donald Ross Street, Wilmington, NC

ATTENDEE LIST: (Please Print)

Name	Company	Position	Phone	Email
Chris Gannon	Jacobi-Lewis Co.	Manager	910-297-2335	chrisgannon7@gmail.com
Brandon Stewart	Eastern Construction Group	Dir. of Construction Operations	910-226-2548	bstewart@buildecg.com
Ben Harris	Harris Services		910-367-2926	harrissvcs@hotmail.com
Mike Lollar	WB Brawley	Sr. Project Manager	910-452-2195	mlollar@wbbrawley.com
Meesay Her	Holt Brothers	Dir. of Preconstruction	919-787-1981	mher@holtbrothersinc.com
Julie Wood	Muter Construction		919-887-6146	jwood@muterconstruction.com
David Blizzard	Blizzard Construction		910-298-4740	blizzardconstruction@embarqmail.com
Emily Dillman	ATD Building Group	Project Manager	910-399-3240	emily@atdbuildinggroup.com
Keith Harrelson	Good Earth		910-619-0273	g_earth@hotmail.com
Jessica Smith	Masonboro Construction		910-332-3685	jessica@masonboroconstruction.com
Scot Thompson	Team Construction		910-320-8528	sthompson@teamconstructionnc.com



PLAN HOLDERS

Municipal Golf Course Clubhouse Facility Additions & Renovations

Contract No: PB-SSA-0420

Pre-Bid Thursday, March 19, 2020 at 3:00 p.m.
311 Donald Ross Street, Wilmington, NC

ATTENDEE LIST: (Please Print)

Name

Company

Position

Phone

Email

Jim Hundley	Thomas Construction		910-799-2295	estimating@thomasconstructiongroup.com
Yates Chambliss	Chambliss/Rabil		910-231-3176	yates@chambliss-rabil.com
Renee Duncan	Paragon Building Group		910-397-0933	rduncan@paragonwilmington.com
Rudy Dombrowski	ATD Building Group		910-620-3263	rudu@atdbuildinggroup.com
Alex Freeman	Muter Construction		919-610-5282	roofingbids@muterconstruction.com
Stephen Saieed	Masonboro Construction		910-443-3282	sdsaieed@masonboroconstruction.com

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April 7, 2020

Re-Bid Conference

Municipal Golf Course Clubhouse Facility Additions & Renovations

Contract Number: PB-SSA-0420

Welcome

Good afternoon and welcome to the Pre-Bid Conference for the Municipal Golf Course Clubhouse Facility Additions & Renovations. Please be sure to sign in on the Sign-In Sheet.

Introduction

Purchasing Manager – Daryle Parker
Project Manager – Amy Beaty
Architect – Sawyer Sherwood

Contract Summary

The scope of work: Renovations to the Clubhouse includes expansion of the pro shop and lounge area by utilizing space that is currently not used. A kitchen prep area will be built. The covered porch will be expanded and associated site improvements. Construction of a new cart barn is also included.

Bid Opening

Bid opening date/time/place – Sealed bids due April 16, 2020 at 3:00 pm, at 305 Chestnut Street, 5th floor, Wilmington, NC.

Bids shall remain valid for 90 calendar days.

Construction Project Schedule

270 days
\$1000/Calendar Day liquidated damages

MBE Participation Requirements

1. MBE/WBE/HUB/DBE participation goal is 14.0%. A list of potential subcontracting opportunities is included in the bid document.
2. Only certified MBE/WBE/HUB/DBE firms will be counted towards the goal. Firms must be certified with the Office of Historically Underutilized Businesses (HUB) or with the North Carolina Department of Transportation (NCDOT) to be counted. The Statewide Uniform Certification Program took effect on July 1, 2009. For more information, visit the HUB website at <http://www.doa.nc.gov/hub/> or visit the NCDOT website at www.ncdot.org.

3. Bidders must make a "good faith effort" to identify and subcontract with MBE/WBE/HUB/DBE firms as defined in the bid document on page MBE-3.
4. You must sign and notarize Affidavit "A" on page MBE-4 in order for your bid to be considered.
5. Review the "MBE/WBE/HUB/DBE Policy Statement, Special Notice" thoroughly. Bidders must supply a list of all firms contacted for subcontract work on the project. The list must include all items referenced in the MBE/WBE/HUB/DBE Policy Statement. A form is provided in the bid document. However, firms may use their own form. You must indicate which subcontractors will be utilized on the project.

Bid Submittal Requirements

1. The Affidavit and Certificate of Non-Collusion, Non-Suspension, and Non-Conviction, on pages A-1 to A-3 in the bid document, must be signed and notarized in order for your bid to be considered.
2. Complete the Proposal pages and sign. Acknowledge receipt of any addenda at Item No.15 on the Proposal page.
3. Review Insurance Requirements in General Provisions thoroughly.
4. Provide any other information, data, documents, etc. which may assist the City in evaluating bids and the firm's MBE/WBE/HUB/DBE good faith efforts.
5. 5% Bid Bond is required.

Pay Requests

Pay Requests must be submitted correctly in order to receive payment in a timely manner.

Questions

Inquiries concerning the bid shall be directed to the Purchasing Division. Questions received less than 7 calendar days prior to the bid opening date may not be answered. **Deadline for questions is April 9, 2020.** Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

SIGN UP FOR E-NOTIFICATION!

*****Please visit the City's website at www.wilmingtonnc.gov and register to receive emailed bid notifications and updates! Click on "Bids & RFPs" at the top of the page which will direct you to the Current Bids page, then click on "sign up for eNotification."*****

Municipal Golf Course Pre-Bid Conference

April 7, 2020

To:

From: John Sawyer, AIA



Conference Date

March 19, 2020 3 PM

Present

See Attached Attendance Sheet

NOTICE: If there is a discrepancy in the information listed, please contact Sawyer Sherwood & Associate Architecture within 3 calendar days from receipt.

GENERAL:

1. Daryle Parker, John Sawyer & Dave Donovan attended and ran the meeting. The meeting was held outside on the porch facing the golf course
2. Bid Date has not changed. Date is April 16, 3pm. In the fifth floor conference room at 305 Chestnut Street.
3. Permit Status:
 - a. Site permits will not delay the project.
 - b. Building permit: Successful bidder is to apply for the building permit after award of contract.
 - c. The County will not reduce or waive building permit fees for City projects.
 - d. The project does not involve a new water or sewer service, tap fees or impact fees are not involved.
4. Building occupancy during construction.
 - a. The owner will relocate to a mobile unit. The mobile unit is not in the construction contract.
 - b. If the Cart Barn Alternate bid is awarded, the Base Bid and Alternate bid work may proceed simultaneously.
5. All questions during the bid period are to be submitted in writing to the architect. The email address is in the project specification document. If the answer requires a clarification, additional information of a revision that information will be provided by addenda to all plan holders. Question must be received no later than 7 days prior to the bid date. So that cut off date is April 10.

6. Addenda will be distributed to the plan holders on the City Purchasing plan holder list. If you or your subcontractors are not on that list you will not receive addenda. Please keep your subcontractors and suppliers who will not be on the distribution list informed when you receive an addenda.
7. Minority participation; MBE page 8 Do the best you can with this form. On bid day completing this information accurately may not be possible. The successful bidder's submittal of information within 72 hours of the bid opening is more important to us in documenting your good faith effort.
8. Time allowed to complete the work: 270 days from NTP. The completion time was established prior to the pandemic. Adjustments are possible for restrictions that cannot be managed by the contractor and that affect making progress on the construction. The NTP is to occur mid June.
9. The previous attempt to successfully bid this project was affected by limited subcontractor and supplier participation. We are informing the subs we see on projects about the job and have reached out to suppliers we know to sell the products specified. We are sharing the plan holder list with the subs and suppliers we know. Please contact the subs and suppliers you do business with, request that they participate, and send them the plans and specifications.
10. The clubhouse may be accessed for pre bid inspections during normal golf course operating hours. The facility may be walked now or contact the clubhouse to schedule a visit at a later time within the normal operating hours for the facility.

END OF PRE-CONSTRUCTION CONFERENCE MINUTES



Atlantic Shores Environmental Services, Ltd.

March 31, 2020

Amy Beatty
Community Services Director
City of Wilmington
305 Chestnut Street
Wilmington, North Carolina 28401

Reference: Report of Asbestos Survey
Municipal Golf Course Clubhouse
311 Donald Ross Drive, North Carolina
ASE Project No. 1463

Dear Ms. Beatty:

Atlantic Shores Environmental Services, Ltd. (ASE) has completed an asbestos survey at the above referenced property. The asbestos survey was completed in general accordance with ASE proposal 1301-P dated March 25, 2020. The purpose of the testing was to determine the presence and general location of asbestos containing materials (ACM) on the interior and exterior of the structure on the site. This report includes a summary of the project background information, our survey approach and sampling results, and conclusions and recommendations.

PROJECT INFORMATION

The property is located at 311 Donald Ross Drive in Wilmington, North Carolina (New Hanover County Parcel ID: R06100-004-001-000). The club house consists of approximately 2,400 square-feet and was reportedly constructed in 1997, however, on site observation suggest that the structure was constructed in the 1940's or 1950's. The structure consists of one floor, attic and a small basement. The remainder of the building is constructed on a crawl space. The interior construction consists of carpet, ceramic tile, linoleum, concrete and hardwood flooring with drywall, concrete and plaster walls. The ceilings in the structure consists of acoustic ceiling tile, plaster, wood and drywall. The exterior construction consists of concrete walls covered in troweled on surfacing and a composite shingled roof.

SCOPE OF SERVICES

On March 27, 2020, Cheryl Moody with ASE (NC Asbestos Inspector No. 12067) and Mr. Brandon Dobbs with ASE (NC Asbestos Inspector No. 13193) performed asbestos sampling of the building. The sampling consisted of observing the interior and exterior of the building for the presence of suspect materials, which may contain asbestos. The survey involved detecting both friable materials (materials which can be pulverized or reduced to a powder by hand pressure when dry) and nonfriable materials (materials which pose a hazard when

175-1 Venture Drive, Belville, NC 28451

P: (910) 371-5980

- A Woman Owned Business -

sawn, sanded, drilled or pulverized). Homogeneous materials (based on material type, color, texture, etc.) were identified in various functional spaces (kitchen, bathroom, etc.) during the survey. ASE did not conduct destructive testing.

To determine if the suspect materials observed during the visual survey contained asbestos, representative bulk samples were collected and placed in sealed packages. Sampling was performed in general accordance with National Emission Standard for Hazardous Air Pollutants (NESHAP) protocols. Fifty-nine (59) bulk samples were collected during the survey and submitted to EMSL Analytical, Inc. in Morrisville, North Carolina for analysis using the EPA recommended method of Polarized Light Microscopy (PLM) coupled with dispersion staining (Method No. EPA 600/M4-020-82, Dec. 1982). EMSL participates in the National Voluntary Laboratory Accreditation Program (NVLAP). Their NVLAP accreditation number is 200671-0.

A positive stop analysis was utilized in order to reduce the cost of analysis. Essentially, if a sample is tested positive for asbestos the remaining homogenous samples are not analyzed and assumed positive. Additionally, samples composed of multiple layers were analyzed as individual samples by the lab. Therefore, a total of seventy-four (74) samples were laboratory analyzed. Sampled materials consisted of the following:

- Drywall/Joint compound
- Plaster
- Linoleum
- Miscellaneous flooring
- Concrete
- Leveling compound
- Wall surfacing
- Window Glazing
- Chimney sealant
- Chimney caulking
- Roof exhaust vent sealant
- Roofing shingles
- Roofing tar paper

RESULTS

The EPA defines an asbestos-containing material (ACM) as a material containing greater than one percent asbestos. Asbestos containing materials greater than one percent were not identified, however, some materials containing less than one percent asbestos were identified. Materials containing less than one percent asbestos have been included in the table below:

Copies of the Laboratory Bulk Asbestos Analysis Report have been attached to this report.

Materials Containing <1% Asbestos					
Sample	Description	Location	Appearance	Asbestos % Type	Approximate Quantity*
9A	Wall Surfacing	Snack Room Interior Walls	Tan/White Non-Fibrous Homogeneous	<1% Chrysotile	500 SF
9B	Wall Surfacing	Snack Room Interior Walls	Tan/White Non-Fibrous Homogeneous	<1% Chrysotile	
9C	Wall Surfacing	Snack Room Interior Walls	Tan/White Non-Fibrous Homogeneous	<1% Chrysotile	
10A	Window Glazing	North Interior Transom Window	Tan Non-Fibrous Homogeneous	<1% Chrysotile	2 Windows
10B	Window Glazing	South Interior Transom Window	Tan Non-Fibrous Homogeneous	<1% Chrysotile	
16A- Surfacing 1	Wall Surfacing, Layer 1	Exterior Walls	Tan/Blue Non-Fibrous Homogeneous	<1% Chrysotile	All Exterior Walls
16A- Surfacing 2	Wall Surfacing, Layer 2	Exterior Walls	Gray/White/Red Fibrous Homogeneous	None Detected	
16B- Surfacing 1	Wall Surfacing, Layer 1	Exterior Walls	Tan/Blue Non-Fibrous Homogeneous	<1% Chrysotile	
16B- Surfacing 2	Wall Surfacing, Layer 1	Exterior Walls	White/Red Fibrous Homogeneous	None Detected	
16C- Surfacing 1	Wall Surfacing, Layer 1	Exterior Walls	Tan/Blue Non-Fibrous Homogeneous	<1% Chrysotile	
16C- Surfacing 2	Wall Surfacing, Layer 1	Exterior Walls	White/Red Fibrous Homogeneous	None Detected	
16D- Surfacing 1	Wall Surfacing, Layer 1	Exterior Walls	Tan/Blue Non-Fibrous Homogeneous	<1% Chrysotile	
16D- Surfacing 2	Wall Surfacing, Layer 1	Exterior Walls	White/Red Fibrous Homogeneous	None Detected	
16E- Surfacing 1	Wall Surfacing, Layer 1	Exterior Walls	Tan/Blue Non-Fibrous Homogeneous	<1% Chrysotile	
16E- Surfacing 2	Wall Surfacing, Layer 1	Exterior Walls	White/Red Fibrous Homogeneous	None Detected	

CONCLUSIONS AND RECOMMENDATIONS

Based on the tested materials, asbestos containing building materials (ACM) were not identified at the site. However, less than one percent asbestos containing materials are present.

The EPA and State of North Carolina defines an asbestos-containing material as a material containing greater than one percent asbestos. The EPA and State of North Carolina do not regulate a material containing less than one percent asbestos and the abatement of the material is not required prior to renovation of the structure.

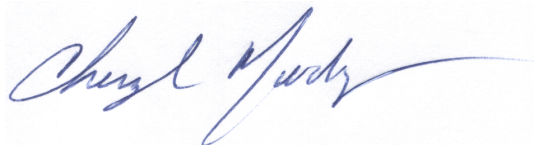
It should be noted that the Occupational Safety and Health Administration (OSHA) regulates any quantity of asbestos material. This OSHA requirement is applicable to occupied buildings and deals with how to address asbestos to reduce occupational exposure to workers. OSHA regulations would require performing a negative exposure assessment (air monitoring on the first day of work to ensure that the material containing less than one percent is not an issue) and following OSHA worker protection rules during demolition and renovations. Material containing less than one percent asbestos includes the interior transom windows, interior wall surfacing on the snack room and exterior wall surfacing.

This report summarizes our evaluation of the conditions observed at the site. The findings prepared by ASE are based upon testing performed in the building. Additional ACM may exist (undetected) in other areas due to their inaccessibility or due to the limited nature of our testing. Our recommendations are based on the guidelines presented in EPA, State of North Carolina or OSHA asbestos regulations.

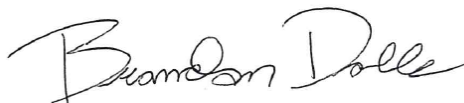
Use of this document without the express written consent of ASE is at the sole risk of the user. ASE appreciates the opportunity to provide our environmental services for this project. If you have questions or need additional information, please contact us at (910) 371-5980.

Respectfully,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.



Cheryl J. Moody, REM, CIEC, CMRS
Principal Scientist



Brandon S. Dobbs
Staff Scientist

Attachments: Photos
 Figure
 Bulk Asbestos Analysis Sheets
 Asbestos Chain of Custody



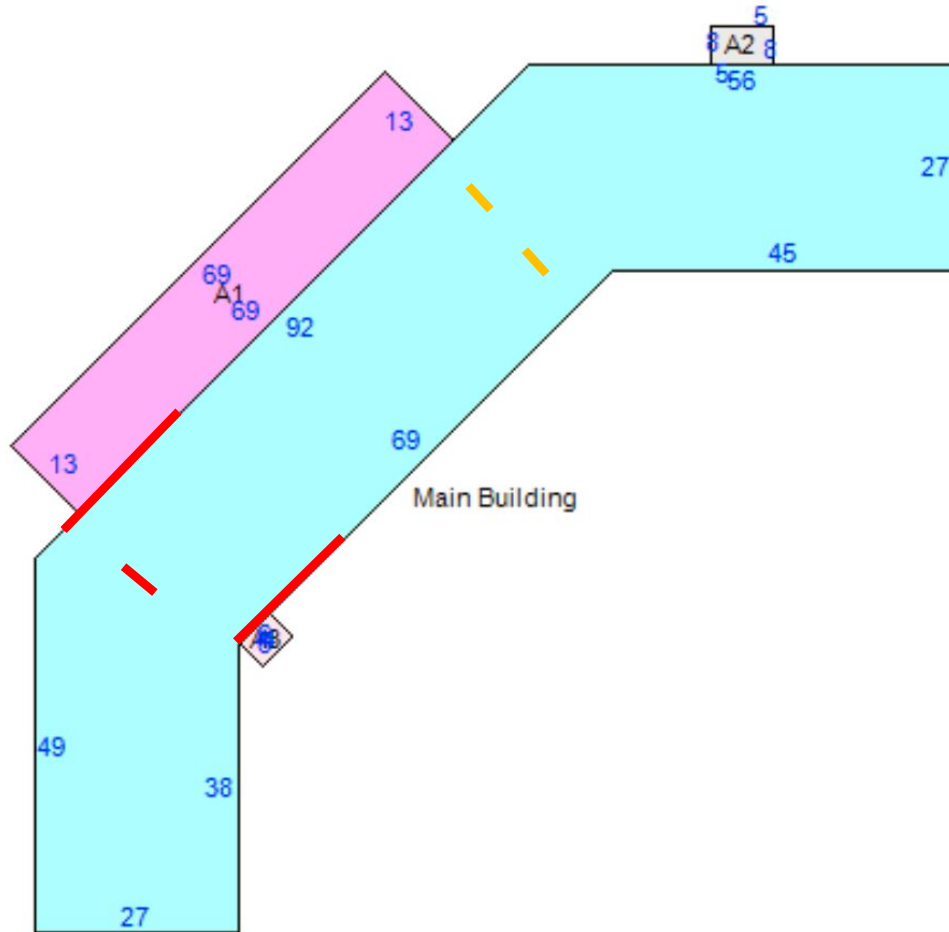
Photograph 1: Snack room wall surfacing (Samples: 9A, 9B and 9C)



Photograph 2: Snack room wall surfacing (Samples: 9A, 9B and 9C)



Photograph 3: Transom window glazing (Samples: 10A and 10B)



Key	
—	Samples 9A, 9B and 9C
—	Samples 10A and 10B
All Exterior Surfacing contain <1% Asbestos	

FIGURE 1: LOCATIONS OF MATERIALS CONTAINING <1% ASBESTOS

Approximate Scale: Not to Scale

Source: ASE field sketch



Report of Asbestos Survey
311 Donald Ross Drive
Wilmington, North Carolina



ASE Project No. 1463
March 31, 2020



EMSL Analytical, Inc.

2500 Gateway Centre Blvd., Suite 600 Morrisville, NC 27560

Tel/Fax: (919) 465-3900 / (919) 465-3950

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

EMSL Order: 292003587

Customer ID: ATLS78

Customer PO:

Project ID:

Attention: Brandon Dobbs

Atlantic Shores Environmental Svcs., Ltd

175-1 Venture Drive

Belville, NC 28451

Phone: (910) 371-5980

Fax: (910) 371-6652

Received Date: 03/30/2020 9:50 AM

Analysis Date: 03/30/2020 - 03/31/2020

Collected Date: 03/27/2020

Project: 1463

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
1A 292003587-0001	Mens Bathroom - 2x2 Ceiling Tile	Brown/Gray Fibrous Homogeneous	20% Cellulose 3% Glass	40% Gypsum 37% Non-fibrous (Other)	None Detected
1B 292003587-0002	Mens Bathroom - 2x2 Ceiling Tile	Brown/Gray Fibrous Homogeneous	20% Cellulose 2% Glass	40% Gypsum 38% Non-fibrous (Other)	None Detected
1C 292003587-0003	Womens Bathroom - 2x2 Ceiling Tile	Brown/Gray Fibrous Homogeneous	20% Cellulose 2% Glass	50% Gypsum 28% Non-fibrous (Other)	None Detected
2A 292003587-0004	Locker Room NW Corner - 3/4" Flooring	Brown/Black Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	None Detected
2B 292003587-0005	Locker Room SE Corner - 3/4" Flooring	Black Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
3A 292003587-0006 <i>This is a composite result of drywall and jt. compound</i>	Locker Room NW Corner - Drywall/Joint Compound	Brown/Gray/White Fibrous Homogeneous	15% Cellulose 2% Glass	20% Ca Carbonate 30% Gypsum 33% Non-fibrous (Other)	None Detected
3B 292003587-0007 <i>This is a composite result of drywall and jt. compound</i>	Hall to Locker Room - Drywall/Joint Compound	Brown/Gray/White Fibrous Homogeneous	15% Cellulose 2% Glass	20% Ca Carbonate 30% Gypsum 33% Non-fibrous (Other)	None Detected
3C 292003587-0008 <i>This is a composite result of drywall and jt. compound</i>	Snack Area - Drywall/Joint Compound	Brown/White Fibrous Homogeneous	3% Cellulose	20% Ca Carbonate 30% Gypsum 47% Non-fibrous (Other)	None Detected
3D-Skim Coat 292003587-0009 <i>Sample appears to be plaster.</i>	Women's Bathroom Hall - Drywall/Joint Compound	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
3D-Base Coat 292003587-0009A <i>Sample appears to be plaster.</i>	Women's Bathroom Hall - Drywall/Joint Compound	Gray Non-Fibrous Homogeneous		10% Quartz 40% Ca Carbonate 50% Non-fibrous (Other)	None Detected
3E 292003587-0010 <i>This is a composite result of drywall and jt. compound</i>	Mens Bathroom - Drywall/Joint Compound	Brown/Gray/White Fibrous Homogeneous	15% Cellulose <1% Wollastonite	20% Ca Carbonate 30% Gypsum 35% Non-fibrous (Other)	None Detected
4A-Skim Coat 292003587-0011	Locker Room SW Corner - Plaster	Blue Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
4A-Base Coat 292003587-0011A	Locker Room SW Corner - Plaster	Gray Non-Fibrous Homogeneous		10% Quartz 45% Ca Carbonate 45% Non-fibrous (Other)	None Detected
4B-Skim Coat 292003587-0012	Locker Room Hall - Plaster	Tan/Blue Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected

Initial report from: 03/31/2020 08:52:13



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Tel/Fax: (919) 465-3900 / (919) 465-3950

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

EMSL Order: 292003587

Customer ID: ATLS78

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
4B-Base Coat 292003587-0012A	Locker Room Hall - Plaster	Gray Non-Fibrous Homogeneous		10% Quartz 40% Ca Carbonate 50% Non-fibrous (Other)	None Detected
5A 292003587-0013	Storage Room - 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
5B 292003587-0014	Storage Room - 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
5C 292003587-0015	Storage Room - 1'x1' Ceiling Tile	Brown/White Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
6A 292003587-0016	Locker Room - Cove Base Adhesive	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
6B 292003587-0017	Locker Room - Cove Base Adhesive	Brown/White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
7A 292003587-0018	Locker Room, Concrete Corner - Joint Compound	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
7B 292003587-0019	Locker Room, Concrete Corner - Joint Compound	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
8A 292003587-0020	Snack Room Under Carpet - Leveling Compound	Gray Fibrous Homogeneous	3% Cellulose	10% Quartz 40% Ca Carbonate 47% Non-fibrous (Other)	None Detected
9A 292003587-0021	Snack Room, Wall - Wall Surfacing	Tan/White Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	<1% Chrysotile
9B 292003587-0022	Snack Room, Wall - Wall Surfacing	Tan/White Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	<1% Chrysotile
9C 292003587-0023	Snack Room, Wall - Wall Surfacing	Tan/White Non-Fibrous Homogeneous		10% Quartz 45% Ca Carbonate 45% Non-fibrous (Other)	<1% Chrysotile
10A 292003587-0024	North Interior Transom Window - Window Glazing	Tan Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	<1% Chrysotile
10B 292003587-0025	South Interior Transom Window - Window Glazing	Brown Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	<1% Chrysotile
11A-Linoleum 292003587-0026	Hallway - Linoleum	White/Blue Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
11A-Mastic 292003587-0026A	Hallway - Linoleum	Yellow Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
11B-Linoleum 292003587-0027	Women's Bathroom - Linoleum	Blue/Green Non-Fibrous Homogeneous		20% Ca Carbonate 80% Non-fibrous (Other)	None Detected
11B-Mastic 292003587-0027A	Women's Bathroom - Linoleum	Tan Fibrous Homogeneous	2% Cellulose <1% Synthetic	98% Non-fibrous (Other)	None Detected
12A 292003587-0028	Kitchen - Linoleum	Blue/Beige Fibrous Homogeneous	30% Cellulose 5% Synthetic 10% Glass	55% Non-fibrous (Other)	None Detected

Initial report from: 03/31/2020 08:52:13



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EMSL Order: 292003587

Customer ID: ATLS78

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
12B 292003587-0029	Kitchen - Linoleum	Blue/Green Fibrous Homogeneous	30% Cellulose 10% Glass	60% Non-fibrous (Other)	None Detected
13A-Skim Coat 292003587-0030	Kitchen Wall - Plaster	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
13A-Base Coat 292003587-0030A	Kitchen Wall - Plaster	Gray Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	None Detected
13B-Skim Coat 292003587-0031	Hall Ceiling by Attic Access - Plaster	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
13B-Base Coat 292003587-0031A	Hall Ceiling by Attic Access - Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	None Detected
13C-Skim Coat 292003587-0032	Wall in Hallway - Plaster	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
13C-Base Coat 292003587-0032A	Wall in Hallway - Plaster	Gray Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	None Detected
13D-Skim Coat 292003587-0033	Old Kids Room Wall - Plaster	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
13D-Base Coat 292003587-0033A	Old Kids Room Wall - Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	20% Quartz 40% Ca Carbonate 40% Non-fibrous (Other)	None Detected
13E-Skim Coat 292003587-0034	Old Kids Room Wall - Plaster	White Non-Fibrous Homogeneous		70% Ca Carbonate 30% Non-fibrous (Other)	None Detected
13E-Base Coat 292003587-0034A	Old Kids Room Wall - Plaster	Gray Non-Fibrous Homogeneous	<1% Cellulose	20% Quartz 40% Ca Carbonate 40% Non-fibrous (Other)	None Detected
14A 292003587-0035	Men/Women's Bathroom - Linoleum	Beige Fibrous Homogeneous	30% Cellulose 10% Glass	60% Non-fibrous (Other)	None Detected
14B 292003587-0036	Men/Women's Bathroom - Linoleum	White/Beige Fibrous Homogeneous	30% Cellulose 10% Glass	60% Non-fibrous (Other)	None Detected
15A 292003587-0037	Chapel Ceiling - Drywall	Brown/Gray Fibrous Homogeneous	20% Cellulose	40% Gypsum 40% Non-fibrous (Other)	None Detected
15B 292003587-0038	Chapel Ceiling - Drywall	Brown/Gray Fibrous Homogeneous	20% Cellulose	40% Gypsum 40% Non-fibrous (Other)	None Detected
15C 292003587-0039	Chapel Ceiling - Drywall	Brown/Gray Fibrous Homogeneous	20% Cellulose	50% Gypsum 30% Non-fibrous (Other)	None Detected
16A-Surfacing 1 292003587-0040	Exterior Walls - Wall Surfacing, 2 Layers	Tan/Blue Non-Fibrous Homogeneous		10% Quartz 40% Ca Carbonate 50% Non-fibrous (Other)	<1% Chrysotile
16A-Surfacing 2 292003587-0040A	Exterior Walls - Wall Surfacing, 2 Layers	Gray/White/Red Fibrous Homogeneous	2% Wollastonite	15% Quartz 40% Ca Carbonate 43% Non-fibrous (Other)	None Detected
16B-Surfacing 1 292003587-0041	Exterior Walls - Wall Surfacing, 2 Layers	Tan/Blue Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	<1% Chrysotile

Initial report from: 03/31/2020 08:52:13



EMSL Analytical, Inc.

2500 Gateway Centre Blvd., Suite 600 Morrisville, NC 27560

Tel/Fax: (919) 465-3900 / (919) 465-3950

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

EMSL Order: 292003587

Customer ID: ATLS78

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
16B-Surfacing 2 292003587-0041A	Exterior Walls - Wall Surfacing, 2 Layers	White/Red Fibrous Homogeneous	2% Wollastonite	15% Ca Carbonate 83% Non-fibrous (Other)	None Detected
16C-Surfacing 1 292003587-0042	Exterior Walls - Wall Surfacing, 2 Layers	Tan/Blue Non-Fibrous Homogeneous		15% Quartz 40% Ca Carbonate 45% Non-fibrous (Other)	<1% Chrysotile
16C-Surfacing 2 292003587-0042A	Exterior Walls - Wall Surfacing, 2 Layers	White/Red Fibrous Homogeneous	2% Wollastonite	10% Ca Carbonate 88% Non-fibrous (Other)	None Detected
16D-Surfacing 1 292003587-0043	Exterior Walls - Wall Surfacing, 2 Layers	Tan/Blue Non-Fibrous Homogeneous		15% Quartz 45% Ca Carbonate 40% Non-fibrous (Other)	<1% Chrysotile
16D-Surfacing 2 292003587-0043A	Exterior Walls - Wall Surfacing, 2 Layers	White/Red Non-Fibrous Homogeneous	<1% Wollastonite	10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
16E-Surfacing 1 292003587-0044	Exterior Walls - Wall Surfacing, 2 Layers	Tan/Blue Non-Fibrous Homogeneous		15% Quartz 45% Ca Carbonate 40% Non-fibrous (Other)	<1% Chrysotile
16E-Surfacing 2 292003587-0044A	Exterior Walls - Wall Surfacing, 2 Layers	White/Red Non-Fibrous Homogeneous	<1% Wollastonite	10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
17A 292003587-0045	Roof - Nail Penetration Sealant	Brown/Black Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
17B 292003587-0046	Roof - Nail Penetration Sealant	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
18A 292003587-0047	Roof - Pipe Sealant	Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
18B 292003587-0048	Roof - Pipe Sealant	Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
19A 292003587-0049	Roof Chimney - Chimney Sealant	Gray/Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
19B 292003587-0050	Roof Chimney - Chimney Sealant	Gray/Black Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
19C 292003587-0051	Roof Chimney - Chimney Sealant	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
20A 292003587-0052	Roof - Shingle	Black Fibrous Homogeneous	20% Glass	40% Ca Carbonate 40% Non-fibrous (Other)	None Detected
20B 292003587-0053	Roof - Shingle	Black Fibrous Homogeneous	20% Glass	10% Quartz 20% Ca Carbonate 50% Non-fibrous (Other)	None Detected
21A 292003587-0054	Roof - Tar Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
21B 292003587-0055	Roof - Tar Paper	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
22A 292003587-0056	Basement Window - Window Glazing	Tan/White Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	None Detected

Initial report from: 03/31/2020 08:52:13



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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
22B 292003587-0057	Basement Window - Window Glazing	Gray/White Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (Other)	None Detected
23A 292003587-0058	Basement Area of Old Boiler - Boiler Vent Sealant	Gray Fibrous Homogeneous	3% Wollastonite	10% Quartz 87% Non-fibrous (Other)	None Detected
23B 292003587-0059	Basement Area of Old Boiler - Boiler Vent Sealant	Gray Fibrous Homogeneous	5% Wollastonite	25% Quartz 20% Ca Carbonate 50% Non-fibrous (Other)	None Detected

Analyst(s)

Joshua Moorman (32)

Kelly Gallisdorfer (42)

Billy Barnes, Asbestos Lab Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Morrisville, NC NVLAP Lab Code 200671-0, VA 3333 000278, WVA LT000296

Initial report from: 03/31/2020 08:52:13

Asbestos Bulk Building Material

Client: Atlantic Shores Environmental Test: PLM
 Order: 292003587 Project: 1463
 Disposition: Discard after 5/29/2020

#Samples: 59

ville, NC 27560
 (919) 465-3900
 (919) 465-3950

EMSL
LABORATORY

Company Name : Atlantic Shores Environmental Svcs., Ltd		EMSL Customer ID:	
Street: 175-1 Venture Drive		City: Belville	State or Province: NC
Zip/Postal Code: 28451	Country: US	Telephone #: 910-371-5980	Fax #: 910-371-6652
Report To (Name): Brandon Dobbs		Please Provide Results via: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
email Address: bdobbs@atlanticshoresenv.com		Purchase Order Number:	
Client Project ID: 1463		EMSL Project ID (internal use only):	
State or Province Collected: NC		CT only <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If bill to is different note instructions in comment. Third party billing requires written authorization from third party			
Turnaround Time (TAT) Options Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 32 Hour* <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week
*32 Hour TAT available for select tests only; samples must be submitted by 11:30am. Please call ahead for large projects and/or turnaround times 6 hours or less.			
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 non-friable - NY	
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 - NY		<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
<input type="checkbox"/> NY ELAP Method 198.6 NOB- non-friable - NY		Other tests (please specify)	
<input type="checkbox"/> NY ELAP Method 198.8- Vermiculite Surfacing Material			
<input type="checkbox"/> OSHA ID-191 Modified			
<input type="checkbox"/> EMSL Standard Addition Method			
<input checked="" type="checkbox"/> Positive Stop - Clearly Identify Homogenous Areas (HA)		Date Sampled: 3-27-20	
Sampler's Name: BRANDON DOBBS		Sampler's Signature: Brandon Dobbs	
Sample #	HA #	Sample Location	Material Description
1A	1	Mens Bathroom	2x2 CEILING TILE
1B	1	"	"
1C	1	Womens Bathroom	"
2A	2	Locker Room, NW corner	3/4 inch FLOORING
2B	2	Locker Room, SE corner	"
3A	3	Locker Room, NW corner	DRYWALL/Joint Compound
Client Sample # (s): 1A - 23B		Total # of Samples: 59	
Relinquished by (Client): BRANDON DOBBS		Date: 3-27-20	Time: 14:45
Received by (Lab):		Date: 3/30/20	Time: 9:50a
Comments/Special Instructions: EFE 7/15/8 4566 1461			

Page 1 of 4



Asbestos Bulk Building Material Chain of Custody

EMSL Analytical, Inc.
Way Centre Boulevard

EMSL AN
LABORATORY

Atlantic Shores Environmental Svcs., Ltd
1463
3/30/2020 9:50
PLM

TAT: 24 Hour
Bulk

Order ID: 292003587
No Samples: 59
Due: 03/31 9:50 AM
Fax: 910-371-6652

NC 27560
(919) 465-3900
Fax (919) 465-3950

Additional pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
3B	3	HALL TO LOCKER ROOM	DRYWALL/JOINT COMPOUND
3C	3	SNACK AREA	" "
3D	3	WOMENS BATHROOM HALL	" "
3E	3	MENS BATHROOM	" "
4A	4	LOCKER ROOM, SW CORNER	PLASTER
4B	4	LOCKER ROOM HALL	" "
5A	5	STORAGE ROOM	1X1 CEILING TILE
5B	5	" "	1X1 CEILING TILE
5C	5	" "	" "
6A	6	LOCKER ROOM	LOVE BASE ADHESIVE
6B	6	" "	" "
7A	7	LOCKER ROOM, CONCRETE CORNER	JOINT COMPOUND
7B	7	" "	" "
8A	8	SNACK ROOM, UNDER CARPET	LEVELING COMPOUND
9A	9	SNACK ROOM, WALL	WALL SURFACING
9B	9	" "	" "
9C	9	" "	" "
10A	10	NORTH INTERIOR TRANSOM WINDOW	WINDOW GLAZING
10B	10	SOUTH INTERIOR TRANSOM WINDOW	" "
11A	11	HALLWAY	LINOLEUM
11B	11	WOMENS BATHROOM	" "

*Comments/Special Instructions:

Page 2 of 4 pages



Asbestos Bulk Building Material Chain of Custody

EMSL Analytical, Inc.

teaway Centre Bouleva

EMSL /
LABORATORY

Atlantic Shores Environmental Svcs., Ltd

1463

3/30/2020 9:50

PLM

TAT: 24 Hour
Bulk

Order ID: 292003587

No Samples: 59

Due: 03/31 9:50 AM

Fax: 910-371-6652

e, NC 27560

e (919) 465-3900

Fax (919) 465-3950

Additional pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	HA #	Sample Location	Material Description
12A	12	KITCHEN	LINOLEUM
12B	12	" "	" "
13A	13	KITCHEN WALL	PLASTER
13B	13	HALL CEILING, BY ATTIC ACCESS	" "
13C	13	WALL IN HALLWAY	" "
13D	13	OLD KIDS ROOM, WALL	" "
13E	13	" "	" "
14A	14	MEN/WOMENS BATHROOM	LINOLEUM
14B	14	" "	" "
15A	15	CHAPEL CEILING	DRYWALL
15B	15	" "	" "
15C	15	" "	" "
16A	16	EXTENSION WALLS	WALL SHEETING, 2 LAYERS
16B	16	" "	" "
16C	16	" "	" "
16D	16	" "	" "
16E	16	" "	" "
17A	17	ROOF	NAIL PENETRATION SEALANT
17B	17	" "	" "
18A	18	ROOF	RPE SEALANT
18B	18	" "	" "

*Comments/Special Instructions:

Page 3 of 4 pages



Asbestos Bulk Building Material

EMSL AP
LABORATORY

Atlantic Shores Environmental Svcs., Ltd

1463

3/30/2020 9:50

PLM

TAT: 24 Hour Bulk

Order ID: 292003587

No Samples: 59

Due: 03/31 9:50 AM

Fax: 910-371-6652

alytical, Inc.

Way Centre Bouleva

, NC 27560

Phone (919) 465-3900

Fax (919) 465-3950

Additional pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]Page 4 of 4 pages

SECTION 02 4100
DEMOLITION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Selective demolition of building elements for alteration purposes.

1.02 RELATED REQUIREMENTS

- A. Section 01 5000 - Temporary Facilities and Controls: Site fences, security, protective barriers, and waste removal.
- B. Section 01 7000 - Execution and Closeout Requirements: Project conditions; protection of bench marks, survey control points, and existing construction to remain; reinstallation of removed products; temporary bracing and shoring.

1.03 REFERENCE STANDARDS

- A. 29 CFR 1926 - U.S. Occupational Safety and Health Standards; current edition.

PART 3 EXECUTION

2.01 SCOPE

- A. Refer to site plans and site work specifications for demolition of sitework elements.

2.02 SELECTIVE DEMOLITION FOR ALTERATIONS

- A. Drawings showing existing construction and utilities are based on Field observations and existing drawings .
 - 1. Verify that construction and utility arrangements are as indicated.
 - 2. Report discrepancies to Architect before disturbing existing installation.
 - 3. Beginning of demolition work constitutes acceptance of existing conditions that would be apparent upon examination prior to starting demolition.
- B. Maintain weatherproof exterior building enclosure except for interruptions required for replacement or modifications; take care to prevent water and humidity damage.
- C. Remove existing work as indicated and as required to accomplish new work.
 - 1. Remove items indicated on drawings.
- D. Services (Including but not limited to HVAC, Plumbing, Fire Protection, Electrical, Telecommunications, and Information Technology): Remove existing systems and equipment as indicated.
 - 1. Verify that abandoned services serve only abandoned facilities before removal.
 - 2. Remove abandoned pipe, ducts, conduits, and equipment, including those above accessible ceilings; remove back to source of supply where possible, otherwise cap stub and tag with identification.
- E. Protect existing work to remain.
 - 1. Prevent movement of structure; provide shoring and bracing if necessary.
 - 2. Perform cutting to accomplish removals neatly and as specified for cutting new work.
 - 3. Repair adjacent construction and finishes damaged during removal work.
 - 4. Patch as specified for patching new work.

2.03 DEBRIS AND WASTE REMOVAL

- A. Remove debris, junk, and trash from site.
- B. Remove from site all materials not to be reused on site; _____
- C. Leave site in clean condition, ready for subsequent work.
- D. Clean up spillage and wind-blown debris from public and private lands.

END OF SECTION