

ADDENDUM I

Date of Addendum: May 20, 2020

Project Name: Waccamaw Elementary School

PROJECT INFORMATION

- A. Owner: County of Brunswick North Carolina.
- B. Architect: LS3P.
- C. Architect Project Number: 8201-191240.

NOTICE TO BIDDERS

- A. This Addendum is issued pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. Attachments within this Addendum include, but may not be limited to, modifications as noted.

ATTACHMENTS

- A. This Addendum includes the following attached Documents and Specification Sections:
 - 1. Document 003126 - Existing Hazardous Material Information and AHERA Reinspection Report
 - 2. Section 024119, reissued.

REVISIONS TO DIVISION 00 PROCUREMENT AND CONTRACTING REQUIREMENTS

Item I-1. Project Information: Add Document 003126 - Existing Hazardous Material Information and AHERA Reinspection Report, included.

REVISIONS TO DIVISIONS 02 - 49 SPECIFICATION SECTIONS

Item I-2. Section 024119: Replace with revised Section, included.

Item I-3. Section 081416, Article 2.3 A.2: Change species and cut from match existing to Select White Maple, plain sliced.

REVISIONS TO DRAWING SHEETS

Item I-4. Sheet A-731, Floor Finish Legend: Change CTF-01 from Accent LVT to Ceramic Tile Flooring

Item I-5. Sheet E-101, Detail 3: Locate Panel P1 beside Panel P2.

END OF ADDENDUM 1

DOCUMENT 003126 - EXISTING HAZARDOUS MATERIAL INFORMATION

1.1 DOCUMENT INCLUDES

- A. Information that is made available to Bidders is for reference only, and is not intended to be part of the Contract.
 - 1. AHERA Reinspection Report

1.2 USE OF INFORMATION PROVIDED

- A. Bidders are encouraged to review Existing Hazardous Material Information prior to submitting a Bid, and to obtain additional information if Bidder desires.
- B. The Owner, Architect, or Architect's consultants do not warrant accuracy, adequacy, or applicability of information contained in existing hazardous material information. Owner and Architect disclaim responsibility for accuracy of information that has been prepared by others. Owner and Architect further disclaim responsibility for interpretation of that information by Bidders. The information and recommendations in existing hazardous material information are the sole responsibility of the preparer.

1.3 EXISTING HAZARDOUS MATERIAL INFORMATION

- A. This Document and its referenced documents provide information for Bidders' convenience and are intended to supplement rather than serve in lieu of Bidders' own investigations.
- B. This Document and its referenced documents are not part of Contract Documents.
- C. The following documents, prepared for Brunswick County Board of Education - Waccamaw Elementary School, are bound directly behind this Document:
 - 1. AHERA Reinspection Report, dated January 11, 2008

END OF DOCUMENT 003126



AHERA REINSPECTION REPORT

All previously identified or newly discovered friable and nonfriable asbestos building material (ACBM) has been reinspected/assessed and the findings are as specified

1. BUILDING	2. HGA ID	3. MATERIAL DESCRIPTION (Friable/Nonfriable)	4. ASSESSMENT			5. RESPONSE ACTION	
			a. No Change	b. Cond. Code	c. Comments	Description	Begin/End Dates
"A"	15-WES-A-02	Miscellaneous Material - - Non-friable -12" Floor Tile & mastic. Approx 50 square feet. See Dwg. 100-344-C-ASB	✓	5	Removed 2, 150 SF in June 2004 as non-regulated ACM	O&M	Ongoing
"A"	15-WES-A-03	Miscellaneous Material - - Non-friable -Rolled flooring. Approx. 1,020 square feet. See Dwg. 100-344-C-ASB	✓	5	Removed 250 SF in June 2004 Flooring is in good condition	O&M	Ongoing
"B"	15-WES-B-02	Miscellaneous Material - - Non-friable -12" Floor Tile & mastic. Approx. 3,250 square feet See Dwg. 100-344.B-ASB			Flooring is not asbestos. Improperly included in 2004 reinspection report as asbestos. Resampled 2/15/08		

INSPECTOR: David A. Nugent

Signature: David A. Nugent

NC Accreditation Number: 10087

Date: January 17 2008

LEA DESIGNEE: Doug Morrison

Date: 3/5/08 Signature: Doug Morrison

MANAGEMENT PLANNER: David A. Nugent

Signature: David A. Nugent

NC Accreditation Number: 20064

Date: January 17 2008

LEA/System #: Brunswick County Board of Education / 100
School/#: Waccamaw Elementary School / 344
Building: All Buildings shown on Dwg. 100-344-A-ASB
Sample Date: February 15 2008
Analysis Date: 2/20/08

OLK SAMPLE ANALYSIS


Analysis Method: Polarized Light Microscopy, EPA Method 600/R-93/116

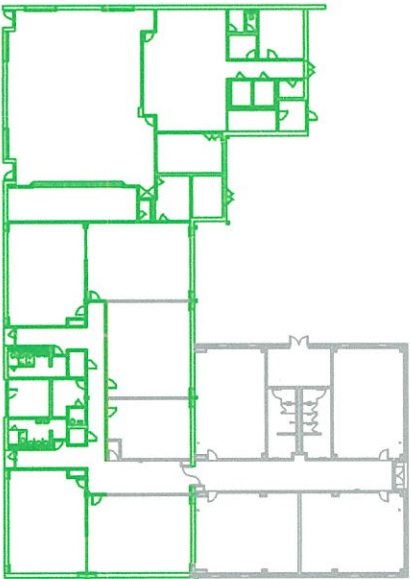
[illegible]

It is certified below that the laboratory identified below is accredited by the National Institute of Standards/Technology for polarized light microscope (PLM) analysis under the National Voluntary Accreditation Program.

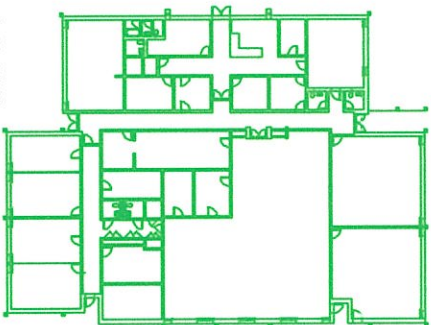
Laboratory: AmeriSci Group	Address: 13635 Gennito Road Midlothian, Virginia 23112
NVLAP Laboratory No.:	

Analysis Performed By:

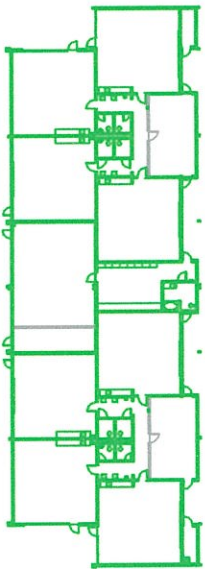
Typed Name: DONNA M. BLACKWELL	Signature: 	Date: 2/20/08
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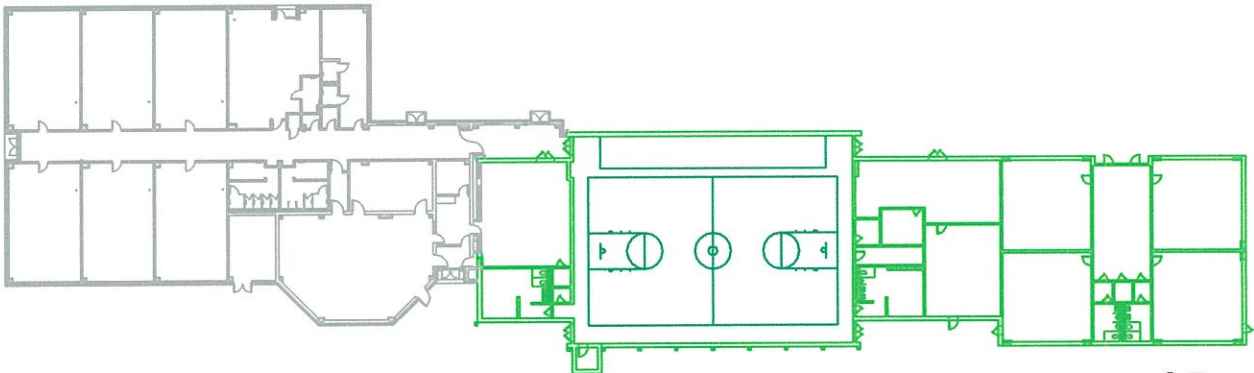
Built 2004
Gross Square Footage 5,605 sf



Built 1978
Gross Square Footage 12866



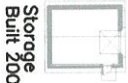
Built 1975
Gross Square Footage 9360
Renovated 2006



Built 2004
Gross Square Footage 14,885 sf

Built 1978
Gross Square Footage 16650

NOTE:
FASCIA AND WINDOW PANELS AROUND ALL BUILDINGS CONTAIN ASBESTOS. THIS MATERIAL IS NOT COVERED UNDER AHERA REGULATIONS BUT IS CONTROLLED BY EPA AND STATE RULES.

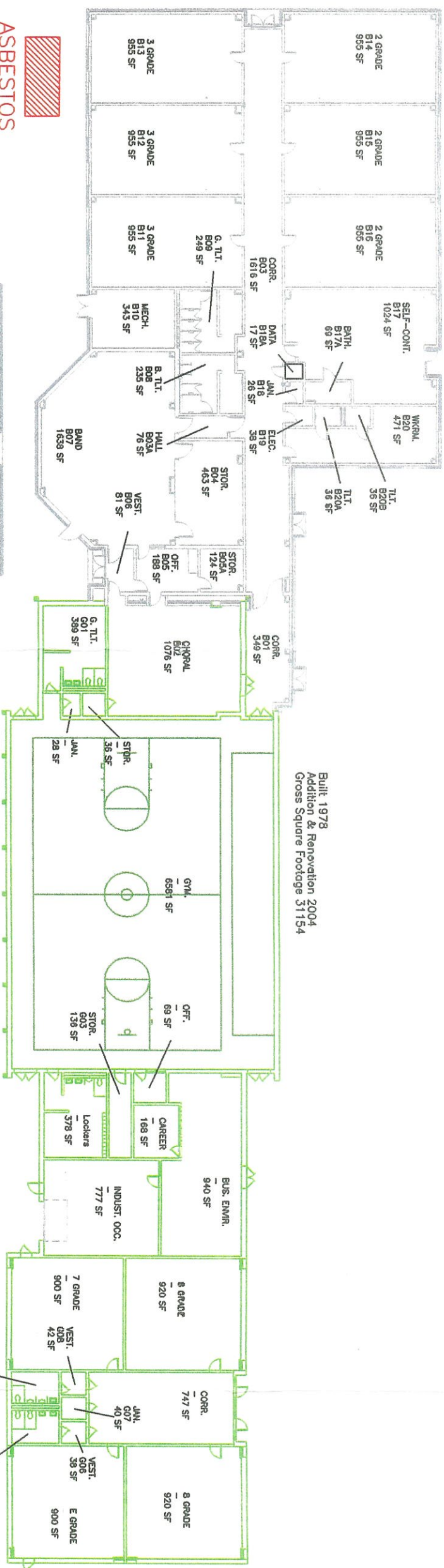


Storage
Built 2000 Gross Square Footage 415



Scale 1/64" = 1' - 0"	Acreage of Site 22.43	Heating/Cooling Boiler/Chiller + Heat Pumps	Water County Water (07)	Sewer On Site Treatment Plant	DSP Property No. 100-344	Page 2 of 4
Name of Admin. Unit Brunswick County Schools	Name of Building Key Plan	Name of School Street Name/No. Mail Address	Waccamaw Elementary School 5901 Waccamaw School Rd Ash, NC 28420			Date of Drawing 5-19-99
FILE NAME: 100-344-A-ASB					Building No. Unit and School No. 100-344	Date of Revisions 02-08-08

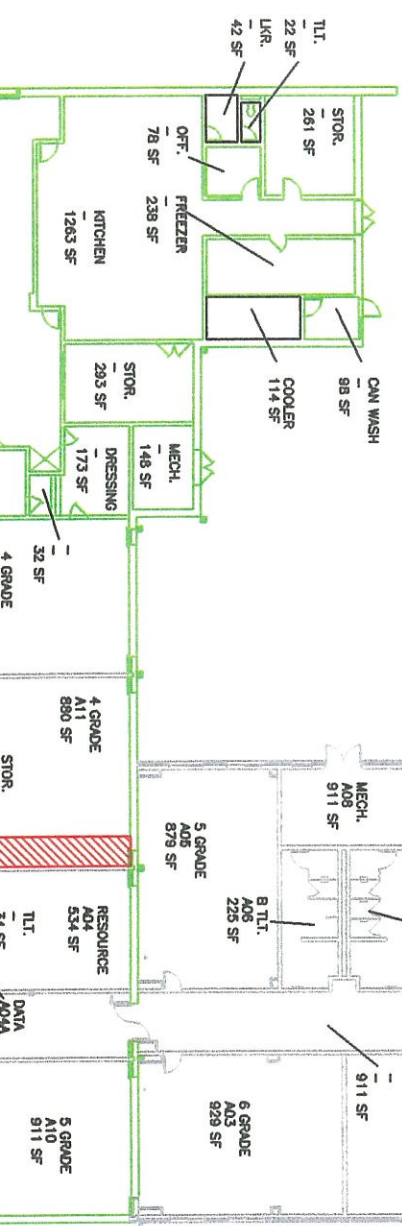
COLOR CHART FOR YEAR BUILT	
YEAR	COLOR
1950-1959	
1960-1969	
1970-1979	
1980-1989	
1990-1999	
2000-2009	



Built 1978
Addition & Renovation 2004
Gross Square Footage 31154

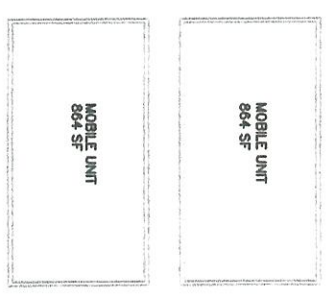
ASBESTOS

15-WES-A-03
SHEET VINYL FLOORING
APPROX. TOTAL AREA 1,000 SF



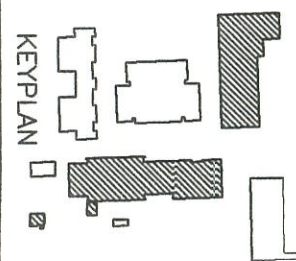
ASBESTOS

15-WES-A-03
12" FLOOR TILE
APPROX. TOTAL AREA 50 SF



Storage
Built 2000 Gross Square Footage 415

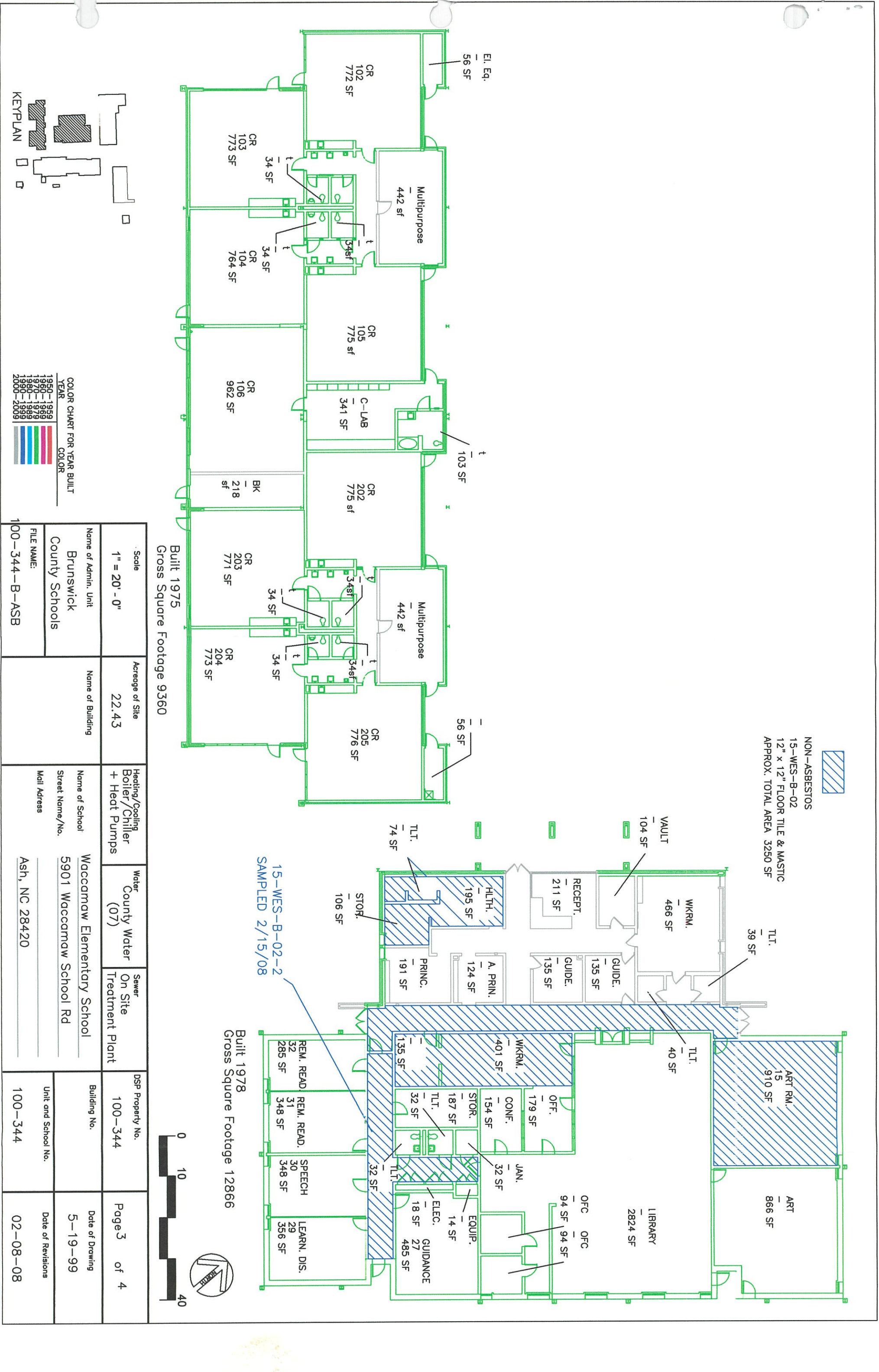
Built 1978
Addition & Renovation 2004
Gross Square Footage 19999



COLOR CHART FOR YEAR BUILT



Scale 1/32" = 1' - 0"	Acreage of Site 22.43	Heating/Cooling Boiler/Chiller +Heat Pumps	Water County Water (07)	Sewer On Site Treatment Plant	DSP Property No. 100-344	Page 4 of 4
Name of Admin. Unit Brunswick County Schools	Name of Building	Name of School Street Name/No. Mail Address	Waccamaw Elementary School 5901 Waccamaw School Rd Ash, NC 28420			Date of Drawing 5-19-99
FILE NAME: 100-344-C-ASB					Unit and School No. 100-344	Date of Revisions 10-03-06



SECTION 024119 - SELECTIVE DEMOLITION

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Demolition and removal of selected portions of building or structure.
2. **Hazardous material remediation / asbestos abatement.**

1.2 DEFINITIONS

- A. Remove: Detach items from existing construction and dispose of them off-site unless indicated to be salvaged or reinstalled.
- B. Remove and Reinstall: Detach items from existing construction, in a manner to prevent damage, prepare for reuse, and reinstall where indicated.
- C. Existing to Remain: Leave existing items that are not to be removed and that are not otherwise indicated to be salvaged or reinstalled.
- D. Dismantle: To remove by disassembling or detaching an item from a surface, using gentle methods and equipment to prevent damage to the item and surfaces; disposing of items unless indicated to be salvaged or reinstalled.

1.3 MATERIALS OWNERSHIP

- A. Unless otherwise indicated, demolition waste becomes property of Contractor.

1.4 PREINSTALLATION MEETINGS

- A. Predemolition Conference: Conduct conference at Project site.
 1. Inspect and discuss condition of construction to be selectively demolished.
 2. Review structural load limitations of existing structure.
 3. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
 4. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.
 5. Review areas where existing construction is to remain and requires protection.

1.5 INFORMATIONAL SUBMITTALS

- A. Qualification Data:
 1. For refrigerant recovery technician.
 2. **For asbestos abatement contractor.**
- B. Proposed Protection Measures: Submit report, including Drawings, that indicates the measures proposed for protecting individuals and property and for environmental protection, for dust control and, for noise control. Indicate proposed locations and construction of barriers.

- C. Schedule of Selective Demolition Activities: Indicate the following:
 - 1. Detailed sequence of selective demolition and removal work, with starting and ending dates for each activity. Ensure Owner's on-site operations are uninterrupted.
 - 2. Interruption of utility services. Indicate how long utility services will be interrupted.
 - 3. Coordination for shutoff, capping, and continuation of utility services.
- D. Predemolition Photographs: Show existing conditions of adjoining construction and site improvements, including finish surfaces that might be misconstrued as damage caused by demolition operations. Comply with Section 013233 "Photographic Documentation." Submit before Work begins.
- E. **Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.**
- F. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.
- G. Warranties: Documentation indicating that existing warranties are still in effect after completion of selective demolition.

1.6 CLOSEOUT SUBMITTALS

- A. Inventory: Submit a list of items that have been removed and salvaged.

1.7 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Refrigerant Recovery Technician Qualifications: Certified by an EPA-approved certification program.
- C. **Asbestos Abatement Contractor Qualifications: An experienced firm that has employees accredited by the Health Hazardous Control Unit (HHCU).**
- D. Standards: Comply with ANSI A10.6 and NFPA 241.

1.8 PROJECT CONDITIONS

- A. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
- B. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- C. Buildings nearby to demolition area will be occupied. Conduct building demolition so operations of occupied buildings will not be disrupted.
 - 1. Provide not less than 72 hours' notice of activities that will affect operations of adjacent occupied buildings.
 - 2. Do not close or obstruct walkways, exits, or other facilities used by occupants of nearby buildings without written permission from authorities having jurisdiction.

~~D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.~~

- ~~1. If suspected hazardous materials are encountered, do not disturb; immediately notify Architect and Owner.~~
- ~~2. If hazardous materials are present, Owner shall have the following options:~~
 - ~~a. Direct the Contractor to remove the hazardous materials and adjust the Contract Sum by Change Order,~~
 - ~~b. Remove hazardous materials under a separate contract.~~

D. Hazardous Materials: Hazardous materials are present in buildings and structures to be selectively demolished. A report on the presence of hazardous materials is included in Project Information. Examine report to become aware of locations where hazardous materials are present.

- 1. Hazardous material remediation shall be performed by a licensed abatement contractor prior to beginning demolition.**
- 2. Asbestos abatement shall be performed in accordance with EPA and OSHA regulations and applicable federal, state, and local government regulations.**
- 3. Do not disturb hazardous materials or items suspected of containing hazardous materials except under procedures in compliance with regulations.**
- 4. All waste shall be transported and disposed of in accordance with applicable regulations.**
- 5. Contractor shall provide disposal manifest (North Carolina Asbestos Waste Shipment Record - DHHS 3787) from landfill.**

E. Storage or sale of removed items or materials on-site is not permitted.

F. Utility Service: Maintain existing utilities indicated to remain in service and protect them against damage during selective demolition operations.

1. Maintain fire-protection facilities in service during selective demolition operations.

1.9 WARRANTY

- A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials and using approved contractors so as not to void existing warranties. Coordinate with Owner for any existing warranties.
- B. Notify warrantor on completion of selective demolition, and obtain documentation verifying that existing system has been inspected and warranty remains in effect. Submit documentation at Project closeout.

1.10 COORDINATION

- A. Arrange selective demolition schedule so as not to interfere with Owner's operations.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped before starting demolition operations.
- B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- C. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.
- D. Perform a survey of condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structures during selective building demolition operations.
 - 1. Perform surveys as the Work progresses to detect hazards resulting from selective demolition activities.
- E. Verify that hazardous materials have been remediated before proceeding with selective demolition operations.**
- F. Survey of Existing Conditions: Record existing conditions by use of predemolition photographs.
 - 1. Comply with Section 013233 "Photographic Documentation".
 - 2. Architect-Directed Photographs: From time to time, Architect may request additional photographs. Architect will determine number and frequency of photographs and general directions on vantage points. Select actual vantage points and take photographs to show the status of demolition and progress since last photographs were taken.

3.2 PREPARATION

- A. Protect and maintain benchmarks and survey control points from disturbance during demolition.
- B. Protect existing site improvements to remain from damage during demolition.
 - 1. Restore damaged improvements to their original condition as acceptable to Owner.
- C. Refrigerant: Before starting demolition, remove refrigerant from mechanical equipment according to 40 CFR 82 and regulations of authorities having jurisdiction.
- D. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 - 1. Comply with requirements for access and protection specified in Section 015000 "Temporary Facilities and Controls."
 - 2. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner and authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by authorities having jurisdiction.
- E. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
 - 1. Provide protection to ensure safe passage of people around selective demolition area.

2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
 3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
 4. Cover and protect furniture, furnishings, and equipment that have not been removed.
 5. Comply with requirements for temporary enclosures and dust control specified in Section 015000 "Temporary Facilities and Controls."
- F. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.
1. Strengthen or add new supports when required during progress of selective demolition.

3.3 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage during selective demolition operations.
1. Comply with requirements for existing services/systems interruptions specified in Section 011000 "Summary."
- B. Existing Services/Systems to Be Removed, Relocated, or Abandoned: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
1. Arrange to shut off indicated utilities with utility companies.
 2. If services/systems are required to be removed, relocated, or abandoned, provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to nearby occupied buildings.
 3. Disconnect, demolish, and remove plumbing and HVAC systems, equipment, and components indicated to be removed.
 - a. Piping to Be Removed: Remove portion of piping indicated to be removed and cap or plug remaining piping with same or compatible piping material.
 - b. Piping to Be Abandoned in Place: Drain piping and cap or plug piping with same or compatible piping material.
 - c. Equipment to Be Removed: Disconnect and cap services and remove equipment.
 - d. Equipment to Be Removed and Reinstalled: Disconnect and cap services and remove, clean, and store equipment; when appropriate, reinstall, reconnect, and make equipment operational.
 - e. Ducts to Be Removed: Remove portion of ducts indicated to be removed and plug remaining ducts with same or compatible ductwork material.
 - f. Ducts to Be Abandoned in Place: Cap or plug ducts with same or compatible ductwork material.

3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools

- or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
 3. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain portable fire-suppression devices during flame-cutting operations.
 4. Maintain adequate ventilation when using cutting torches.
 5. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
 6. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
 7. Dispose of demolished items and materials promptly.

B. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and cleaned and reinstalled in their original locations after selective demolition operations are complete.

C. Explosives: Use of explosives is not permitted.

3.5 REPAIRS

A. Promptly repair damage to nearby buildings and related improvements caused by demolition operations.

3.6 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.

1. Do not allow demolished materials to accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.7 CLEANING

A. Remove demolition waste materials from Project site and dispose of them in an EPA-approved construction and demolition waste landfill acceptable to authorities having jurisdiction.

1. Do not allow demolished materials to accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

B. Burning: Do not burn demolished materials.

C. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119