



STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242



ADDENDUM NO. 1 TO PROJECT NO. 44113

**CONSTRUCTION WORK
DECOMMISSION FIRING RANGE FACILITIES
WILLARD DRUG TREATMENT CENTER
7116 COUNTY ROUTE 132
WILLARD, NY**

March 13, 2013

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

BIDDING REQUIREMENTS

1. DOCUMENT 002213 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - MWBE-EEO: Discard the Document bound in the Project Manual and substitute the attached document (pages 002213-1 thru 002213-2) noted "REVISED 3/6/2013".
2. DOCUMENT 002216 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS – ASBESTOS PROJECTS: Discard the Document bound in the Project Manual and substitute the attached document (page 002216-1) noted "REVISED 3/6/2013".
3. DOCUMENT 002219 SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - QUALIFICATIONS OF BIDDERS AND MANDATORY PRE-AWARD SUBMITTAL REQUIREMENTS: Discard the Document bound in the Project Manual and substitute the attached document (pages 002219-1 thru 002219-2) noted "REVISED 3/6/2013".

SPECIFICATIONS

4. SECTION 028213 ASBESTOS ABATEMENT: Add the attached Section (pages 028213-1 thru 028213-9) to the Project Manual.
5. SECTION 321216 ASPHALT CONCRETE PAVING: Add the attached Section (pages 321216-1 thru 321216-2) to the Project Manual.

APPENDIX

6. ASBESTOS SURVEY REPORT: Add the attached Document (18 pages) to the Project Manual.

DRAWINGS

7. Revised Drawings:
 - a. Drawing No. C-101 noted "REVISED DRAWING 3/6/2013" accompanies this Addendum and supersedes the same numbered originally issued drawing.
8. Addendum Drawings:
 - a. Drawing No. C-107 noted "ADDENDUM DRAWING 3/6/2013" accompanies this Addendum and forms part of the Contract Documents.
9. Drawing Nos. C-101, C-102, C-103, C-104, C-105, C-106, C-200, AND C-201: Add the following Notes:

"ASBESTOS DEBRIS REMOVAL NOTES:

2. ACM DEBRIS SHALL INCLUDE PREVIOUSLY IDENTIFIED FRIABLE TAN DEBRIS, AS WELL AS ANY OTHER SUSPECT ACM ENCOUNTERED DURING EXCAVATION OF THE VARIOUS ON-SITE DEBRIS PILES.
3. REMOVE AND DISPOSE OF ALL ACM DEBRIS AS INDICATED ON THE DRAWINGS (SEE SHEET C-101 FOR DEBRIS PILES TO BE REMOVED) AND IN ACORDANCE WITH THE CONTRACT DOCUMENTS AND ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
4. BASED ON THE FEBRUARY 25, 2013 SURVEY REPORT PREPARED BY ENVOY ENVIRONMENTAL CONSULTANTS, INC., APPROXIMATELY 6 S.F. OF FRIABLE TAN DEBRIS WAS IDENTIFIED IN THE ON-SITE DEBRIS PILES. ONLY VISIBLE AND READILY ACCESSIBLE SUSPECT ACM WERE SAMPLED DURING THE SURVEY. MATERIALS OBSCURED BY THE PRESENCE OF BRUSH, SOIL OR DEBRIS WERE NOT SAMPLED PER ORIGINAL CONTRACT DOCUMENTS, (SECTION 003126). FOR THE PURPOSE OF ESTIMATING, A TOTAL OF APPROXIMATELY 400 TONS OF DEBRIS IS ASSUMED; OF WHICH, 10% (40 TONS) IS ASSUMED TO BE ACM.
5. EXCAVATION OF DEBRIS MUST BE CONDUCTED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR, AND OVERSEEN BY THIRD PARTY NYS CERTIFIED ASBESTOS BUILDING INSPECTOR/PROJECT MONITOR HIRED BY THE DIRECTOR'S REPRESENTATIVE. SUSPECT MATERIALS ENCOUNTERED DURING EXCAVATION MUST BE PRESUMED ACM OR SAMPLED FOR ANALYSIS BY A NYSDOH ELAP-CERTIFIED LABORATORY."

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

JRC:jc

DOCUMENT 002213

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - MWBE-EEO

This Supplement modifies the Instructions to Bidders. Where any part of the Instructions to Bidders is modified by this supplement, the unaltered provisions of that part shall remain in effect.

Add the following:

22. GOALS

- 22.1 To insure meaningful participation of minority and women workers and certified Minority and Women-Owned Business Enterprises (“MWBEs”) in the Project, the Commissioner of General Services has established goals set forth in the Supplementary Conditions.
- 22.2 All bidders should note that important definitions and conditions relating to the foregoing MBE, WBE and Minority and women workforce goals are contained in the Supplementary Conditions.
- 22.3 In order to assist the State in determining compliance with the goals set forth in the Supplementary Conditions the apparent low bidder will be required to submit a “Utilization Plan” (BDC 328) prior to contract award or subcontractor approval. For contracts that are eligible for the Electronic Contractor Payments (ECP) program, the BDC 328 must be submitted electronically through the OGS Vendor Interface.

For non-ECP contracts, a paper copy of the BDC 328 form is included in the Appendix of this Project Manual and may be mechanically reproduced. Additional copies may be obtained upon request from the address listed in Paragraph 22.2 below.

- 22.4 The apparent low bidder must submit the completed Utilization Plan (BDC-328) within five (5) working days after the bids are opened. For non-ECP contracts, the paper copy of the form should be mailed to the address shown on the form.

23. CERTIFICATION

- 23.1 All Minority and Women-Owned Business Enterprises (“MBEs” or “WBEs”) proposed as contractors, subcontractors or suppliers must be certified by the NYS Department of Economic Development, Division of Minority and Women’s Business Development, 30 South Pearl Street, Albany, NY 12245, to be eligible for MBE or WBE credit on this project.
- 23.2 UPON WRITTEN REQUEST, The New York State Office of General Services’ Office of Minority and Women-Owned Business Enterprises will provide a computer printout of certified MBEs and WBEs in specific trades for a given geographical area of New York State.

This printout can be requested in writing as follows:

- By e-mail to: D&CMWBEManager@ogs.ny.gov
- By fax to: (518) 486-2679
- By mail to:
NYS Office of General Services
Office of Minority and Women-Owned Business Enterprises
35th Floor, Corning Tower, GNARESP
Albany, NY 12242

24. LIQUIDATED DAMAGES – MWBE PARTICIPATION

- 24.1 Refer to Article 27.7, Document 007307, Supplementary Conditions - MWBE-EEO, for “Liquidated Damages – MWBE Participation”.

END OF DOCUMENT

DOCUMENT 002216

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - ASBESTOS PROJECTS

This supplement modifies the Instructions to Bidders.

Add the following:

25. CONDITION OF AWARD

25.1 As a condition of award, the following shall be transmitted to the Bureau of Contract Awards, Division of Contract Administration, Design and Construction Group, Office of General Service, 35th Floor, Corning Tower, Empire State Plaza, Albany, NY 12242 by certified mail by the apparent low bidder within 5 days after the bids are opened and by other bidders within 5 days after receiving a written request from the Bureau of Contract Awards for such a submission:

- a. A copy of a valid asbestos-handling license issued by the Commissioner of Labor to the contractor who will perform the Work of the asbestos project.

END OF DOCUMENT

DOCUMENT 002219

**SUPPLEMENTARY INSTRUCTIONS TO BIDDERS - QUALIFICATIONS OF
BIDDERS AND
MANDATORY PRE-AWARD SUBMITTAL REQUIREMENTS**

This Supplement modifies the Instructions to Bidders. Where any part of the Instructions to Bidders is modified by this supplement, the unaltered provisions of that part shall remain in effect.

Add the following Articles:

26. QUALIFICATIONS OF BIDDERS

26.1 The Contracting Officer or their representative will schedule a pre-award meeting to consider the bid responsiveness of the bid submitted by the apparent low bidder generally within 15 working days of the bid opening. Bidders will be notified of the time and place of the meeting. On a case by case basis, the State will examine and evaluate the bid as responsive by considering the contractors understanding of: the overall project scope, estimated cost, utilization of proposed sub-contractors, expertise, workmanship and past performance in completing similar contracts.

26.2 The Contracting Officer or their respective representative will conduct an investigation to determine the responsibility of any Bidder, including the ability of any Bidder to perform the Work. Bidders shall furnish to the Officer all information and data requested, including complete financial data, within the time and in the form and manner requested. The Contracting Officer reserves the right to reject any bid if the evidence required by the Officer is not submitted as requested, or if the evidence submitted by or the investigation of any Bidder fails to satisfy the Contracting Officer that the Bidder is responsible, or is able and qualified to carry out the obligations of the Contract, or to complete the Work as indicated in the Contract Documents, or able to reasonably perform the Work for the Bid Amount.

26.3 The criteria contained in Executive Order No. 170.1 Uniform Guidelines for Determining the Responsibility of Bidders will be applied in the evaluation of Bidders. Special criteria that will be considered in establishing the responsibility of the Bidders shall include, but not be limited to established experience in performing the Work required by the Contract Documents. Experience will be viewed from comparable projects as well as experience and knowledge of construction by the firm's personnel.

27. MANDATORY PRE-AWARD SUBMITTAL REQUIREMENTS

27.1 The apparent low bidder must submit the required pre-award submittal package described below to the Regional Supervisor within five working days after the bids are opened.

Region Supervisor Name: Mark Barker

Address: OGS D&C Regional Office; 333 E. Washington St.; Syracuse, NY 13202

Phone: 315-428-4419

Email: Region6preawardsubmittals@ogs.ny.gov

Submissions must be emailed and must include the Project Number of this contract in the Subject Line of the Pre-Award submission email (i.e. OGS PN 12345-C: Pre-Award Submission).

A. Pre-award Submittal Package

1. References and Experience:
 - a. List of all past contracts with OGS. Include OGS Project Number and date.
 - b. Provide three (3) references (Name, Title, and Phone Number) associated with three (3) different projects (OGS, public, or private sector) of similar scope and size to the one identified in this contract. Additionally, include the names of two major suppliers used for each of these three (3) projects.
 - c. Provide a copy of recent past experience as required under the filing of the NYS Vendor Responsibility Questionnaire (CCA-2 document) with the Office of the State Comptroller. Provide only Attachment A: Completed Construction Contracts and Attachment B: Uncompleted Construction Contracts. For additional information, see:
http://www.osc.state.ny.us/vendrep/forms_vendor.htm#Construction
2. Workforce and Work Plan – Provide a detailed written Work Plan which shall demonstrate the contractor’s understanding of overall project scope and shall include, but not be limited, to the following:
 - a. Sequential listing of specific project activities required to successfully complete the Work of the contract.
 1. Include Critical Milestones.
 2. Include phasing of the Work, if required.
 3. Include listing of long lead items.
 4. Impact of weather and restricted work period(s).
 - b. Résumés for Contractor’s proposed supervisory staff, including qualifications for specialized expertise or any certification(s) required to perform the Work.
 - c. Names of proposed major sub-contractors (more than 15% of the bid amount) and a listing of the related trade of work and value.
 - d. Any special coordination requirements with other trades.
 - e. Any special storage and staging requirements for construction materials.
 - f. Any other special requirements.
3. Detailed Cost Estimate:
 - a. A copy of a Detailed Cost Estimate outlined in CSI format.

27.2 When requested by the Contracting Officer or his representative, Bidders shall, within the time specified by the Officer, submit to the Officer the names of the Subcontractors the Bidder proposes to use on the project. The Contracting Officer reserves the right to disapprove the use of any proposed Subcontractor. In such an event the Bidder shall submit the name of another Subcontractor in like manner within the time specified by the Officer. The Bidder shall have and will make no claim for compensation if the Contracting Officer disapproves any proposed Subcontractor. The Contracting Officer reserves the right to reject any bid if the names of proposed Subcontractors, or additional subcontract information, are not submitted as required.

END OF DOCUMENT

SECTION 028213

ASBESTOS ABATEMENT

PART 1 GENERAL

1.01 SUMMARY

- A. This Section specifies the procedures for disturbance and removal of existing asbestos-containing materials (ACM) and disposal of removed materials. The results of the testing for ACM are listed in the Building Asbestos Survey Report bound in the Appendix. Also see Document 003126.
 - 1. The Building Asbestos Survey report was compiled by a New York State Department of Labor (NYSDOL)-certified Asbestos Building Inspector, and samples were analyzed by an Environmental Laboratory Approval Program (ELAP) certified laboratory.
 - 2. In order to determine asbestos content, samples were analyzed by polarized light microscopy (PLM) and/or transmission electron microscopy (TEM).
 - 3. The report is intended for State Design and estimate purposes only, and is included to provide bidders with the same information available to the State.
 - 4. The Bulk Samples are representative of homogeneous, accessible materials in the Work area (*i.e.*, debris piles). All ACM may not have been sampled.
- B. Type of Asbestos Abatement Project:
 - 1. Minor Asbestos Abatement Project: An asbestos project involving the removal, disturbance, repair or handling of less than 10 square feet or 25 linear feet of ACM.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Existing Hazardous Material Information: Document 003126.
- B. Summary of the Work: Section 011000.
- C. Construction Facilities and Temporary Controls: Section 015000.

1.03 REFERENCES

- A. New York State Department of Environmental Conservation (DEC) 6NYCRR:
 - 1. Part 360 Solid Waste Management Facilities.
 - 2. Part 364 Waste Transporter Permits.
 - 3. Part 370 Hazardous Waste Management System-General.
 - 4. Part 371 Identification and Listing of Hazardous Wastes.
 - 5. Part 372 Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities.
 - 6. Part 373 Hazardous Waste Management Facilities.

- B. Occupational Safety and Health Administration (OSHA):
 1. Construction Standard, Asbestos Regulations (29 CFR Part 1926.1101).
 2. Respiratory Protection Standard (29 CFR 1910.134).
 3. General Industry Standard (29 CFR 1910.1001).
 4. Personal Protective Equipment (29 CFR 1910.132).
 5. Access to Employee Exposure and Medical Records (29 CFR 1910.20)
 6. Medical and first Aid (29 CFR 1910.151)
 7. Hazard Communication (29 CFR 1910.1200)

- C. U.S. Environmental Protection Agency (USEPA):
 1. National Emission Standards for Hazardous Air Pollutants (NESHAP); Asbestos NESHAP Revision; Final Rule (40 CFR Part 61, Subpart M).
 2. Asbestos Emergency Response Act (AHERA) (40 CFR Part 763, Subpart E).

- D. New York State Department of Labor (DOL): Industrial Code Rule 56 (12 NYCRR Part 56).

- E. New York State department of Health (NYSDOH): 10 NYCRR Part 73

- F. National Institute for Safety and Health (NIOSH): Guide to Industrial Respiratory Protection (87-116)

1.04 DEFINITIONS

- A. Authorized Personnel: Facility or the Director’s Representative, and all other personnel who are authorized officials of any regulating agency, be it State, Local, Federal or Private entity who possess legal authority for enforcement or inspection of the work.

- B. Clearance Criteria: Shall be determined and established by a Certified Asbestos Project Monitor with an independent testing lab employed by the Director’s Representative, conforming to all standards set forth by all authorities having jurisdiction, mentioned in the references, and issue the certification of cleaning.

- C. Site Specific Variance: Relief in accordance with section 30 of the Labor Law from specific sections of Industrial Code Rule 56 for a specific project.

- D. Phase I & II: Asbestos Project phases as defined and subcategorized in Industrial Code Rule 56, Section 2.

1.05 ABBREVIATIONS

- A. ASTM: American Society for Testing and Materials
1916 Race Street
Philadelphia, PA 19103

- B. CFR: Code of Federal Regulations
Government Printing Office
Washington, DC 20402

- C. DOL: New York State Department of Labor
Harriman State Office Building Campus
Albany, NY 12240
- D. NIOSH: National Institute for Occupational Safety and Health
Building J.N.E. Room 3007
Atlanta, GA 30333
- E. OSHA: Occupational Safety and Health Administration
200 Constitution Avenue
Washington, DC 20210
- F. USEPA: United States Environmental Protection Agency
401 M Street SW
Washington, DC 20460

1.06 ASBESTOS SITE SPECIFIC VARIANCE

- A. Due to the nature of the suspect ACM and ACM identified to date at the Site (*i.e.*, partially accessible debris piles) is it anticipated that a Site Specific Variance will be required for this Site. The Site Specific Variance will be prepared and submitted by the Owner and/or Engineer, and will be subject to conditions for the portion of the Work of this Project involving asbestos containing materials. A copy of the DOL approved Site Specific Variance will be provided to the Contractor prior to initiation of Site work.
- B. If an additional site specific variance is sought by the Contractor, the application must be submitted by the Contractor's NYS DOL Certified Asbestos Project Designer with 14 days after the Contract Agreement is approved by the Comptroller. Forward the required forms to the Department of Labor for their action.

1.07 SUBMITTALS

- A. Asbestos Site Specific Variance Submittals; if an additional site specific variance is sought submit the following:
 - 1. One copy of the completed DOSH-751 and DOSH-465 forms.
 - 2. One copy of the New York State Department of Labor site specific variance decision.
- B. Quality Control Submittals:
 - 1. Notification Compliance Data: Within 2 days after notification is sent to the regulatory agencies submit one copy of each notice sent to each regulatory agency (USEPA and DOL).
 - 2. Asbestos Removal Company Data: Name and address of proposed asbestos removal company and abatement contractor license issued by DOL.
 - 3. Asbestos Worker Certification Data: Name and address of proposed asbestos abatement workers and licenses issued by DOL.
 - 4. Work Plan: For information only, submit one copy of the work plan required under Quality Assurance Article.

5. Waste Transporter Permit: One copy of transporter's current waste transporter permit from NYS DEC (NYS Part 364 Permit).
 6. Landfill: Landfill to be used for ACM disposal shall be licensed to receive asbestos waste by NYS DEC (NYS Part 360 Permit) and by USEPA. Out of state landfills shall provide licenses from local agencies having jurisdiction.
 7. Negative Air Pressure Equipment: Copy of manufacturer's and performance data of all units and high efficiency particulate air (HEPA) filters used.
- C. Asbestos Work Closeout Submittals:
1. Waste Shipment Records and Disposal Site Receipts: Copy of waste shipment record and disposal site receipt showing that the ACM has been properly disposed.
 - a. Waste shipment record and disposal site receipt must be received within 35 days of the ACM waste leaving the Site. If receipts are not received within the specified time period, the Director's Representative will notify USEPA in writing within 45 days of the ACM waste leaving the Site.
- D. Contract Closeout Submittals:
1. Daily Log: Submit copy of Project Monitor's daily air sample log and a copy of Asbestos Abatement Contractor's Daily project log.
 2. Air Monitoring Data: Submit copy of air test results and chain of custody.

1.08 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with the referenced standards.
- B. Pre-Work Conference: Before the Work of this Section is scheduled to commence, a conference will be held by the Director's Representative at the Site for the purpose of reviewing the Contract Documents, discussing requirements for the Work, and reviewing the Work procedures.
1. The conference shall be attended by the Contractor, the asbestos removal subcontractor, and the testing laboratory/Project Monitor employed by the Director.
- C. Work Plan: At the conclusion of the pre-work conference, before the physical abatement Work begins, prepare a detailed work plan.
1. The work plan shall include, but not be limited to, work procedures, types of equipment, details of equipment used, decontamination unit locations, crew size, and emergency procedures for fire and medical emergencies and for failure of containment barriers.
 2. If a Site Specific Variance is sought, do not finalize the work plan until the DOL decision is received.

1.09 PROJECT CONDITIONS

- A. In addition to the postings required by law, post at the entrance to the abatement area the following documents:
 - 1. Copy of the printed Work plan.
 - 2. Copy of Industrial Code Rule 56.
- B. Do not obstruct any aisle or passageway so as to reduce its required width as an exit.
- C. Contractor shall maintain a project logbook, per Industrial Code Rule 56.

1.10 HEALTH AND SAFETY

- A. Where in the performance of the work, workers, supervisory personnel or sub-contractors may encounter, disturb, or otherwise function in the immediate vicinity of contaminated items and materials, all personnel shall take appropriate continuous measures as necessary to protect all site workers/occupants from the potential ACM exposure.
 - 1. Such measures shall include the procedures and methods described herein and shall be in compliance with all applicable regulations of Federal, State and Local agencies.

1.11 FIRE PROTECTION, EMERGENCY EGRESS AND SECURITY

- A. Establish emergency and fire exits from the work area containment. Provide first aid kits and two full sets of protective clothing and respirators for use by qualified emergency personnel outside of the work area.
- B. Provide a logbook throughout the entire term of the project. All persons who enter the regulated abatement work area or enclosure shall sign the logbook. Document any intrusion or incident in the log book.

1.12 PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT

- A. Workers must wear personal protective equipment for all projects as per OSHA and DOL regulations. Provide respiratory protection in accordance with OSHA regulation 1910.134 and American National Standards Institute (ANSI) Z88.2.
- B. Workers must be trained as per OSHA and DOL requirements, have medical clearance and must have recently received pulmonary function test (PFT) and respirator fit tested by a trained professional.
 - 1. A personal air sampling program shall be in place as required by OSHA.
 - 2. The use of respirators must also follow a complete respiratory protection program as specified by OSHA.

PART 2 PRODUCTS

2.01 DISPOSAL BAGS

- A. Type: Minimum 6 mil thick, black, and preprinted with a Caution Label, in accordance with OSHA (29CFR 1926.1101(k)(8)).

2.02 EQUIPMENT

- A. Temporary lighting, heating, hot water heating units, ground fault interrupters, and all other equipment on site shall be Underwriters' Laboratory (UL) listed.
- B. All electrical equipment shall be in compliance with the National Electric Code, Article 305 - Temporary Wiring.

2.03 GLOVE BAGS

- A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene. Select glove bag sizes appropriate for the size and location of the project.

2.04 NEGATIVE AIR PRESSURE UNITS

- A. Type: Local exhaust system, capable of maintaining negative air pressure within the containment, and provides for HEPA filtration of efficiency not less than 99.97 percent with 0.3 micron particles. Equip the unit with filter alarms lights and operation time meter.

2.05 PLASTIC SHEETS

- A. Type: Minimum 6 mil thick, clear, fire retardant polyethylene.

2.06 RESPIRATORS

- A. Type: As approved by the Mine Safety and Health Administration (MSHA), Department of Labor, or the National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services.

2.07 VACUUM CLEANERS

- A. Type: Vacuums equipped with HEPA filters.

PART 3 EXECUTION

3.01 ASBESTOS-CONTAINING MATERIAL HANDLING AND REMOVAL PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

3.02 CLEAN UP PROCEDURES

- A. Comply with the standards referenced in Part 1 of this Section.

3.03 PROJECT AIR SAMPLING, MONITORING AND ANALYSIS

- A. Air Sampling and Analysis: The Director will employ the services of an independent testing laboratory to perform air sample monitoring, if required, based on the work scope and project type. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.
 - 1. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per Industrial Code Rule 56-4.
 - 2. Air sampling technician shall be on site to observe and maintain air sampling equipment for the duration of the air sampling collection.
 - 3. Period of time permitted between completion of air sample collection and receipt of results on the project site shall be equal or less than 48 hours.
- B. If air samples collected outside the regulated work area indicate airborne fiber concentrations at or above 0.01 fibers per cubic centimeter, or the established background level, whichever is greater, work shall stop immediately for inspection of barriers and negative air ventilation systems. Clean up surfaces outside the regulated work area using HEPA filter equipped vacuums and wet cleaning methods. Work methods shall be altered to reduce fiber concentrations to acceptable levels.
- C. Elevated air sample results, if any, along with background and all other air sample results collected during Phase IIA through Phase IIC shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within the same business day of receipt of results.

3.04 FINAL CLEANING AND CLEARANCE PROCEDURES

- A. Negative Pressure Ventilation: Negative air pressure machines if used, shall remain in continuous operation during the entire length of the project.
- B. Cleaning and Visual Inspection: After first, second, third cleaning and required waiting/settling and drying periods, perform a final visual inspection.
 - 1. Final clearance air sampling shall commence after the waiting/settling and drying time as per Industrial Code Rule 56 has elapsed.
- C. Project Monitor Visual Inspection: The Director will employ the services of a DOL certified asbestos project monitor employed by an independent testing laboratory to perform visual inspection as required by Industrial Code Rule 56.
- D. Final Clearance Air Sampling: The Director will employ the services of an independent testing laboratory to perform final air sampling, if required, based on the work scope and project type.
 - 1. The laboratory shall use the methods described in standards referenced in Part 1 of this Section.

2. The equipment, duration, flow rate, calibration of equipment, number and location of samples are as per Industrial Code Rule 56-4.
 3. If initial Post-Abatement (Clearance Air) Monitoring results do not comply with the standards referenced in Part 1 of this Section the Contractor shall either re-clean or order a full set of TEM analysis.
 - a. Results of the TEM analysis will be conclusive, and if the results do not comply with the standards referenced in Part 1 of this Section, the Contractor shall re-clean and additional full set of air samples will be collected and analyzed until the standards are met.
 - b. All satisfactory PCM clearance air sample results along with background air sample results, if they are greater than or equal to 0.01 fibers per cubic centimeter, shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within two business days of receipt of satisfactory clearance air results.
 - c. All satisfactory TEM results of previously unsatisfactory PCM clearance air sample results, along with the unsatisfactory PCM results shall be submitted to the Commissioner of appropriate Asbestos Control Bureau within 2 business days of receipt of satisfactory clearance air results.
 4. Prior to removal of isolation barriers the Director's Representative at the site will receive an affidavit from the air monitoring laboratory certifying the final air samples comply with the standards referenced in Part 1 of this Section.
- E. Dismantling of Regulated Abatement Work Area:
1. Remove all tools and equipment after proper decontamination as per Part 1 of this section.
 2. Dismantle and remove each tent enclosure and air lock and any barriers only after final clearance air monitoring has been performed and satisfactory results obtained.
 3. All remaining polyethylene, duct tape, expandable foam and other barrier materials shall be bagged, wrapped, containerized and labeled as asbestos waste.
 4. Remove all temporary hard walled barriers from site.
 5. Dismantle any remote decontamination units and plastic sheeting shall be disposed as asbestos waste.
 6. Remove all waste generated to the holding area, lockable trailer or dumpster.
 7. Contractor's Supervisor shall certify in writing to the Director that abatement work is complete and no debris/residue remains.

3.05 DISPOSAL OF ASBESTOS-CONTAINING MATERIAL AND RELATED DEBRIS

- A. Remove all waste generated as part of the asbestos project from the project site within ten calendar days from the site after completion of Phase IIC of the project or within one day of the waste disposal container/trailer becomes full, whichever occurs first.

- B. Transport and dispose of all the asbestos-containing waste, related debris, and waste water to the approved disposal site.
- C. All generated waste removed from the site must be documented, accounted for and disposed of in compliance with the requirements of USEPA NESHAP.
- D. Comply also with the standards referenced in Part 1 of this Section.

3.06 RESTORATION

- A. Remove temporary decontamination facilities and restore area designated for these facilities to its original condition or better.
- B. Where existing work is damaged or contaminated, restore work to its original condition or better.

END OF SECTION

SECTION 321216

ASPHALT CONCRETE PAVING

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Earthwork: Section 310000.

1.02 SUBMITTALS

- A. Product Data: Manufacturer's name, specifications, and installation instructions, for each item specified.
- B. Quality Control Submittals:
 - 1. Plant name and location of asphalt concrete supplier.

1.03 PROJECT CONDITIONS

- A. Environmental Requirements:
 - 1. Discontinue paving when surface temperatures fall below requirements listed in DOT Table 402-2.
 - 2. Do not place asphalt concrete on wet surfaces, or when weather conditions otherwise prevent the proper handling or finishing of bituminous mixtures as determined by the Director's Representative.

1.04 ASPHALT PRICE ADJUSTMENT

- A. The State can require or the Contractor may request evaluation and possible adjustment of the price of asphalt providing the actual price differs by more than 20 percent from the contract baseline price of asphalt. For the purposes of determining if contract price adjustments are warranted the following baseline prices have been set for this contract:
 - 1. Top Course (Type 7): \$ 66 per ton.
 - 2. Subbase Course (Type 2): \$ 11 per ton.
- B. If the actual price paid by the Contractor is more than 120% of the baseline price, the adjustment will be calculated as follows, with this adjusted value being credited to the contractor: $\text{Price adjustment} = \text{actual tonnage} \times \{\text{actual price paid} - (1.2 \times \text{baseline price})\}$.
- C. If the actual price paid by the Contractor is less than 80% of the baseline price, the adjustment will be calculated as follows, with this adjusted value being credited to the State: $\text{Price adjustment} = \text{actual tonnage} \times \{(0.8 \times \text{baseline price}) - \text{actual price paid}\}$.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Asphalt Concrete Paving: Conform to DOT Section 400 Hot Mix Asphalt.
 - 1. Top Course: DOT, Table 403-1, Type 7.
- B. Subbase Course Type 2 See Spec Section 310000.

PART 3 EXECUTION

3.01 ASPHALT CONCRETE PAVING

- A. Construct asphalt pavement in accordance with DOT, Section 402-3 except as follows:
 - 1. Paragraph 402-3.06: No hand spreading of material; pavement shall be spread with a paver.
 - 2. Where DOT specifications differ from those detailed in Contract Drawings.
- B. Asphalt pavement to be constructed as detailed on Contract Drawings (see Drawing Nos. C-101(noted REVISED DRAWING 3/6/2013) and C-107 (noted ADDENDUM DRAWING 3/6/2013)).

END OF SECTION

CONSULTANT

O'BRIEN & GERE
 O'BRIEN & GERE ENGINEERS, INC.

2013 © O'BRIEN & GERE, INC.

OBG PROJECT NO. 02069.49701

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "A" MISDEMEANOR.



CONTRACT: CONSTRUCTION

TITLE: DECOMMISSION FIRING RANGE FACILITIES

LOCATION: WILLARD DRUG TREATMENT CENTER
 7116 COUNTY ROUTE 132
 WILLARD, NY

CLIENT: NEW YORK STATE
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

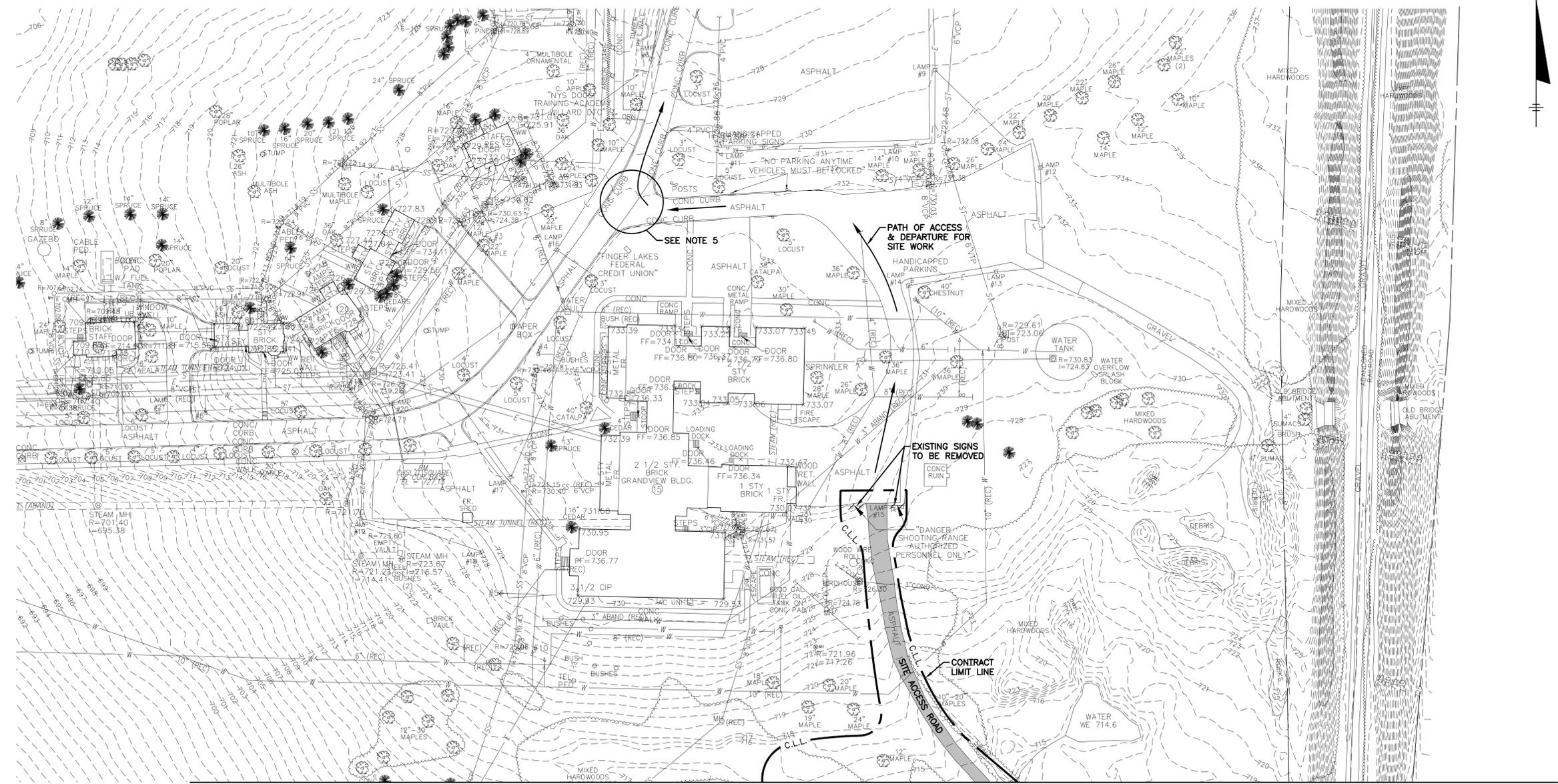


1	03/06/13	ADDENDUM DRAWING
MARK	DATE	DESCRIPTION

PROJECT NUMBER:	44113-C
DESIGNED BY:	J. WOLF
DRAWN BY:	S. JOHNSON
FIELD CHECK:	S. NAIR, K. ARNOLD, E. GREPPD
APPROVED:	

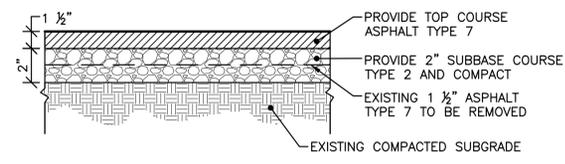
SHEET TITLE:
SITE ACCESS ROAD & SURROUNDING FEATURES

DRAWING NUMBER:
C-107



MATCH LINE - SEE SHEET C-101

PLAN
 SCALE: 1"=50'



TYPICAL ASPHALT PAVEMENT RESTORATION DETAIL
 NOT TO SCALE

NOTES:

- AT CONCLUSION OF THE PROJECT ASPHALT PAVEMENT ON EXISTING SITE ACCESS ROAD AND ACCESS PARKING AREA ON NORTH END OF RANGE IS TO BE REMOVED AND DISPOSED OR RECYCLED OFF-SITE.
- EXISTING STONE SUBGRADE TO REMAIN IN PLACE IN THESE AREAS
- ASPHALT PAVEMENT IS TO BE REPLACED IN THESE AREAS
- SEE SPECIFICATION 321216.
- TEMPORARY TRAFFIC CONTROL DEVICE (TRAFFIC LIGHT) OR FLAG PERSONNEL WITH TWO WAY RADIOS SHALL BE POSTED AT THE DEPICTED INTERSECTIONS DURING TRUCKING ACTIVITIES ASSOCIATED WITH PROJECT (E.G., TRANSPORTATION OF SOIL). SEE SPECIFICATION 015000 AND 015526.

LEGEND

- SITE IMPROVEMENT TO BE REMOVED (SIGNS)
- ASPHALT TO BE REMOVED & REPLACED

LIMITED
ASBESTOS ASSESSMENT

at

Debris Piles
Willard Drug Treatment Center
7116 County Road 132
Willard, New York

Prepared for:
O'Brien & Gere
400 Andrews Street
Suite 710
Rochester, New York 14604

February 25, 2013

Report Prepared By:

ENVOY
environmental consultants, inc.

57 Ambrose Street, Rochester, New York 14608 (585) 454-1060

Job Number: E13-139

**DEBRIS PILES
WILLARD DRUG TREATMENT CENTER
7116 COUNTY ROAD 132
WILLARD, NEW YORK**

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INTRODUCTION

Envoy Environmental Consultants, Inc. was retained by **O'Brien & Gere** on February 25, 2013 to conduct an asbestos inspection/assessment of suspect asbestos containing debris materials located at the **Debris Piles, Willard Drug Treatment Center, 7116 County Road 132, Willard, New York.**

Envoy Environmental Consultants, Inc. performed all field services and report generation for this project. Envoy's inspector Greg Lindsay (AH#06-08692) conducted this inspection with procedures and guidelines commonly used and accepted in New York State. The objective of this inspection was to identify the approximate locations and quantities of asbestos containing materials present at the above-referenced location. Generally, if a building material within a structure could contain asbestos the material was included in the survey. Laboratory analysis was performed by Paradigm Environmental Services, Inc. as a subcontractor to Envoy.

Samples were collected from locations within each homogeneous sampling area. Samples consist of a small amount of the subject material. Sampling points were recorded and cross-referenced to prepared sketches. Individual samples were also recorded on a chain of custody document. Samples were then transported to the Paradigm analytical laboratory for asbestos analysis.

The Paradigm laboratory is accredited through NYSDOH/ELAP (Lab ID# 10958) for Solid and Hazardous Waste and Air and Emissions for Bulk Asbestos Fiber Analysis. The chain of custody record accompanies all samples from the point collected until they reach the laboratory. Samples are stored at the laboratory for 90 days then disposed of according to authoritative regulations.

The analysis methodology used is as follows:

Asbestos Bulk Samples:

New York State Department of Health, ELAP Method 198.1 and 198.6 ("Polarized Light Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples").

New York State Department of Health, ELAP Method 198.4 ("Transmission Electron Microscope Method for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples").

LIMITATIONS

The information provided in this report was compiled from field and laboratory data and was prepared for **O'Brien & Gere** in reference to the **Debris Piles, Willard Drug Treatment Center, 7116 County Road 132, Willard, New York**. Observations noted and recorded are intended to represent the conditions that existed at the subject site at the time and date that the observations were made. **This survey was limited to suspect asbestos containing materials from Debris Piles, Willard Drug Treatment Center, 7116 County Road 132, Willard, New York as per the direction of the client.**

- **Only suspect ACM that was visible at the surface of the debris piles was sampled. No intrusive testing (excavation to expose suspect ACM beneath the surface) was performed.**

Determinations of suspect asbestos containing materials within the excavation areas were subject to the accessibility of the area. Envoy Environmental Consultants, Inc. accepts no responsibility for the content of building materials within areas or spaces that were unknown to us or not reasonably accessible to Envoy field personnel. Conclusions and recommendations provided in this report are based on the assumption that materials identified are homogeneous throughout their application.

This asbestos survey report is not intended to be a bid document for a scope of work for the asbestos abatement contractor. The survey report only identifies and assesses the location, quantity and condition of ACM, PACM or asbestos materials at the subject site. The asbestos survey report is intended to be used as a tool in the development of an asbestos abatement project design or work scope. Under the Code Rule regulation this task can only be performed by a Certified Project Designer.

CONCLUSIONS

Envoy Environmental Consultants, Inc. was retained to perform a limited asbestos survey/assessment at the **Debris Piles, Willard Drug Treatment Center, 7116 County Road 132, Willard, New York** on February 25, 2013. A New York State certified inspector sampled materials from the above mentioned location. Sample locations and custody information were recorded and the samples were transported to the Paradigm laboratory for analysis. Asbestos Containing Materials (ACM) were found as part of the survey. Please consult the Asbestos Containing Materials Space by Space Summary for more details on types of materials and quantities.

The following is a brief description of the space by space survey.

<i>Col. 1</i>	<i>Col. 2</i>	<i>Col. 3</i>	<i>Col. 4</i>	<i>Col. 5</i>	<i>Col. 6</i>	<i>Col. 7</i>	<i>Col. 8</i>	<i>Col. 9</i>	<i>Col. 10</i>	<i>Col. 11</i>
<i>Room #</i>	<i>Sample #'s taken in Room</i>	<i>Positive Sample ID #</i>	<i>Positive Material Description</i>	<i>Location of Material</i>	<i>Condition</i>	<i>Friable Non-Friable NOB</i>	<i>Type of Material</i>	<i>SQ FT</i>	<i>Lin FT</i>	<i>Units</i>

1. Column 1: indicates the Room number, room description and estimated square footage of the room referenced to the attached map/drawing.
2. Column 2: indicates the bulk sample numbers that were taken in the Room indicated in column 1. i.e. 001-007 means samples one through seven were sampled in the room, none would indicate that no samples were taken in the room. You will not see the first three letters of the sample in this column. If you would like to know the materials that were tested in the room please refer to the analytical results which are documented in numerical order.
3. Column 3: indicates the sample number that proves the material is positive for asbestos content. This sample may have taken in the space in column 1 or determined a homogeneous area (material) by the inspector to a sample that was taken in another space. For the purpose of this report all samples are assigned a six digit alphanumeric sample identification number. The first three letters/numbers indicate the material, found in column 4. The last three numbers indicate the sample number in the sequence in which they were taken. If there is a letter after the last three numbers, this indicates that the laboratory or the inspector determines that there were multiple layers within the sample, requiring additional sampling under EPA protocols.
4. Column 4: gives a brief description of the asbestos containing material or the material that is to be treated as asbestos containing as determined by the inspector. At times non-asbestos materials are contaminated with asbestos, therefore must be treated as asbestos.
5. Column 5: indicates a brief description of the location of the material in the room and not the location where the sample was taken from. You will find locations of where each sample was taken from on the analytical sampling results.
6. Column 6: indicates the physical condition of the material as assessed by the inspector in the space indicated in column 1, according to the condition description described below. For the purpose of this report, the condition of the ACM will be reported in good, fair or poor condition. Conditions will be listed in column 6 of the survey report will be as follows;
 - a. **Good:** means material is intact with no visible damage.
 - b. **Fair:** means material contains fewer than 10% distributed damage or 25% localized damage.
 - c. **Poor:** means material contains over 10% distributed damage or 25% localized damage.
 Conditions listed in column 6 of the space by space survey report are only related to the specific material for the specific space.
7. Column 7: indicates the friability of the material in that space as determined by the inspector and the analytical laboratory consistent with Code Rule 56 and EPA regulations.
8. Column 8: indicates the type of material in that space as determined by the inspector and the analytical laboratory consistent with Code Rule 56 and EPA regulations.
9. Column 9: indicates the square footage of ACM material found in the space.
10. Column 10: indicates the linear footage of ACM material found in the space. Pipe insulation that is two feet or greater in diameter is required to be reported in square feet according to code Rule 56.
11. Column 11: indicates the units of ACM material found in the space.

MATERIALS TESTED

Debris Piles

Willard Drug Treatment Center

7716 County Route 132, Willard, New York

Sample ID	Description of Material	PLM Asbestos Fibers Type & Percentage	TEM Asbestos Fibers Type & Percentage	Friable Non-Friable NOB
DEB-001	Black Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-002	Gray Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-003	White Debris	None Detected	Not Required	Friable
DEB-003	Gray Debris	None Detected	Not Required	Friable
DEB-004	Black Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-005	White/Black Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-005	Black/Multi-Colored Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-006	Tan Debris	Chrysotile 36%	Not Required	Friable
DEB-007	Black Debris	Inconclusive No Asbestos Detected	None Detected	NOB
DEB-008	White Debris	None Detected	Not Required	Friable

ASBESTOS CONTAINING MATERIALS

SPACE BY SPACE SUMMARY

Debris Piles

Willard Drug Treatment Center

7716 County Route 132, Willard, New York

Area	Sample #'s taken in Area	Positive Sample ID #	Positive Material Description	Location of Material	Condition	Friable** Non-Friable NOB	Type of Material	SQ FT	Lin FT	Unit
Debris Piles	001-008	DEB-006	Tan Debris	In Debris Pile	Poor	Friable	Misc	6		

Totals	6	0	0
---------------	----------	----------	----------

Assume - Indicates materials assumed positive for asbestos containing materials by inspector; inaccessible area.

U- Inspector unable to determine quantity

* Reflects quantifiable locations only; additional material present, but not quantifiable per table.

**** Materials are categorized as friable or non-friable based on their intact condition. For designer abatement purposes materials labeled as non-friable may become friable, based on methods of handling.**

All layers of multi-layered systems are analyzed, quantified and reported separately, as specified by NYSDOL and NYSDOH. In some cases, multi-layered systems may be combined for design and abatement purposes, with effective quantities adjusted accordingly.

All quantities in this report are approximations and must be field verified by the Abatement contractor. Contractor bids are expected to be based on their own determinations of quantities and not the approximate quantities stated in this report.

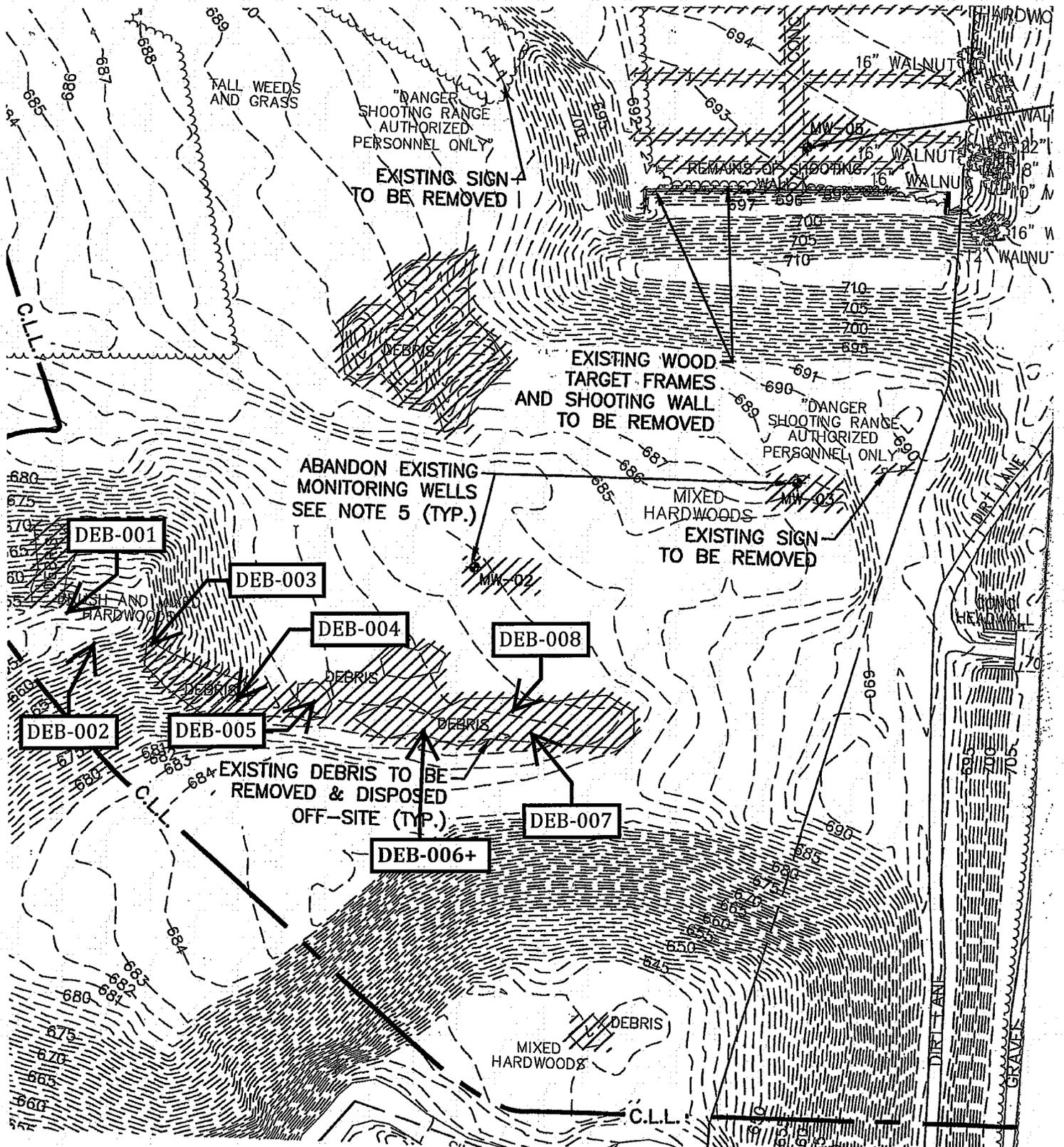
** This asbestos survey is a multi-page document which must be viewed in its entirety; see limitations.

Envoy Job Number E13-139

Envoy Environmental Consultants, Inc. certifies that this report regarding the Debris Piles, Willard Drug Treatment Center, 7716 County Route 132, Willard, New York based on the observations of the inspector and believes it to be an accurate representation of the conditions as they existed on February 25, 2013.



**Greg Lindsay
Envoy Environmental Consultants, Inc.
Inspector #AH 06-08692**



CLIENT: O'Brien and Gere
LOCATION: Willard Drug Treatment Center
AREA: Debris Piles
DATE: February 25, 2013
PROJECT NUMBER: E13-139



PLM & TEM BULK ASBESTOS REPORT

Client: Envoy/O'Brien & Gere
Location: Willard Drug Treatment
Willard, New York
Sample Date: 2/25/2013

Job No: 1717-13
Page: 1 of 3

Client ID	Lab ID	Sampling Location	Description	PLM Asbestos Fibers Type & Percentage	PLM Total Asbestos	N O B	TEM Asbestos Fibers Type & Percentage	TEM Total Asbestos	PLM Non-Asbestos Fibers Type & Percentage	PLM Matrix Material %
DEB-001	11058	Debris Pile	Black Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-002	11059	Debris Pile	Gray Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-003	11060a	Debris Pile	White Debris	None Detected	0%		Not Required	N/A	None Detected	100%
DEB-003	11060b	Debris Pile	Gray Debris	None Detected	0%		Not Required	N/A	None Detected	100%
DEB-004	11061	Debris Pile	Black Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-005	11062a	Debris Pile	White/Black Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-005	11062b	Debris Pile	Black/Multi - Colored Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-005	11062c	Debris Pile	Black Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%
DEB-006	11063	Debris Pile	Tan Fibrous Debris	Chrysotile 36%	36%		Not Required	N/A	None Detected	64%
DEB-007	11064	Debris Pile	Black Debris	Inconclusive No Asbestos Detected	0%	✓	None Detected	<1.0%	None Detected	100%



ELAP ID No.: 10958

Lab Code 200530-0 for PLM Analysis

PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 2000530-0), New York State Department of Health, ELAP Method 198.1, 198.4 and 198.6 ("Polarized Light Microscopy and Transmission Electron Microscopy Methods for Identifying and Quantitating Asbestos in Bulk Samples and in Non-Friable Organically Bound Bulk Samples.")

✓ NOB (non-friable organically bound) Classified for Analytical Purposes Only.

denotes material analyzed by ELAP Method 198.4 and 198.6 per NYSDOH.

** Polarized-light microscopy is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

PLM Date Analyzed: 2/26/2013

TEM Date Analyzed: 2/28/2013

Microscope: Olympus BH-2 #233173

TEM Analyst: F. Weinman

Analyst: F. Weinman

Laboratory Results Approved By:
Asbestos Technical Director

Fernando Weinman
for Mary Dohr

Paradigm Environmental Services, Inc. is not responsible for the data supplied by an independent inspector. National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Quality control data (including 95% confidence limits and laboratory and analysts' and precision) is available upon request.

ENVOY

environmental consultants, inc.

57 Ambrose St, Rochester, NY 14608
585-454-1060 * Fax 585-454-1062

CHAIN OF CUSTODY FOR PLM ASBESTOS ANALYSIS

OFFICE USE ONLY

Client: <i>O'Brien + Gere</i>	Contact: <i>Jeremy Wolf</i>	Job #: <i>1717-13</i>
Phone Number: <i>245-7721</i>	SEND ANALYTICAL DATA TO CLIENT: YES <input checked="" type="checkbox"/> No <input type="checkbox"/>	Page <i>3</i> of <i>3</i>
Results To: CALL Tech <input checked="" type="checkbox"/> Client <input type="checkbox"/>	Fax Number or email address:	Date Logged In: <i>2/25/13</i>
Client Mailing Address: <i>400 Andrews St. Suite 710</i>	Project Number: <i>E13-134</i>	Turn Around Time: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 5 <input type="checkbox"/> Immed <input type="checkbox"/>
Job Ticket #: <i>623714</i>	Project Address: <i>Willst, NY</i>	Logged In By: <i>KS</i>
Project Location: <i>Willst Drug Treatment</i>		

General Location:

Client ID	Lab ID	Sampling Location	Do not Analyze	Color	Size	Material	Friability
1 DEB-001	11058	<i>Asbestos Pile</i>	-	<i>Blk</i>	-	<i>DRB</i>	<i>NF</i>
2 DEB-002	059	"	-	<i>lsy</i>	-	"	"
3 DEB-003	60AE	"	-	<i>wht/lsy</i>	-	"	"
4 DEB-004	601	"	-	<i>Blk</i>	-	"	"
5 DEB-005	62ABC	"	-	"	-	"	"
6 DEB-006	603	"	-	<i>fsn</i>	-	"	"
7 DEB-007	604	"	-	<i>Blk</i>	-	"	"
8 DEB-008	605	"	-	<i>wht</i>	-	"	"
9	<i>605-606</i>						
10	<i>20513</i>						

Sampled By: <i>G. Lindsey</i>	Date: <i>2/25/13</i>	CHECK ONE: SURVEY <input checked="" type="checkbox"/> BULKS ONLY <input type="checkbox"/>
Transported to Paradigm By: <i>G. Lindsey</i>	Date: <i>2/25/13</i>	CHECK TO AUTOMATICALLY PERFORM TEM ON NOBS or provide TEM contact name:
Received By: <i>KS</i>	Date: <i>2/25/13</i>	TOTAL NUMBER OF SAMPLES IN SURVEY: <i>EM 2/28/13</i> Estimated at <input type="checkbox"/>

Containerized materials attached to this Chain of Custody may contain Asbestos. Asbestos is a known carcinogen and should only be handled by trained and authorized personnel under regulated conditions. (Danger, May Contain Asbestos Fibers, Cancer and Lung Disease Hazard)

Certifications

NEW YORK STATE DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
LICENSE AND CERTIFICATE UNIT
STATE CAMPUS BUILDING 12
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

Envoy Environmental Consultants Inc.
57 Ambrose Street
Rochester, NY 14608

FILE NUMBER: 02-0527
LICENSE NUMBER: 28454
LICENSE CLASS: RESTRICTED
DATE OF ISSUE: 05/18/2012
EXPIRATION DATE: 06/30/2018

Directly Authorized Representative - Paul Mahoney

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (17 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

Maureen A. Cox
Maureen A. Cox, Director
FOR THE COMMISSIONER OF LABOR

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER

Expires 12:01 AM April 01, 2013
Issued April 1, 2012



CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. BRUCE HOGGESTEGER
PARADIGM ENVIRONMENTAL SERVICES INC
179 LAKE AVENUE
ROCHESTER, NY 14608

NY Lab Id No. 10958

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE
All approved subcategories and/or analytes are listed below

Miscellaneous

- | | |
|--------------------------------------|---|
| Asbestos in Friable Material | EPA 600/M4/82/020
Item 198.1 of Manual |
| Asbestos in Non-Friable Material-PLM | Item 198.6 of Manual (NOB by PLM) |
| Asbestos in Non-Friable Material-TEM | Item 198.4 of Manual |
| Lead in Dust Wipes | EPA 6010B |
| Lead in Paint | EPA 6010B |

Sample Preparation Methods

- | |
|-------------------------|
| APP 14.2, HUD JUNE 1995 |
| EPA 3050B |

Serial No.: 46232

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (516) 485-5570 to verify the laboratory's accreditation status.



**National Voluntary
Laboratory Accreditation Program**



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

Paradigm Environmental Services, Inc.

179 Lake Avenue

Rochester, NY 14608

Ms. Rebecca Roztocil

Phone: 585-647-2530 Fax: 585-647-3311

E-Mail: RRoztocil@paradigmenv.com

URL: <http://www.paradigmenv.com>

BULK ASBESTOS FIBER ANALYSIS (PLM)

NVLAP LAB CODE 200530-0

NVLAP Code Designation / Description

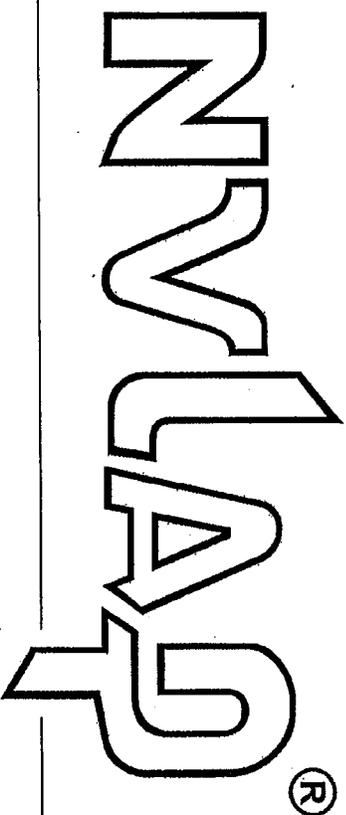
18/A01 EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200530-0

Paradigm Environmental Services, Inc.
Rochester, NY

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

BULK ASBESTOS FIBER ANALYSIS

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC:17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2012-07-01 through 2013-06-30

Effective dates



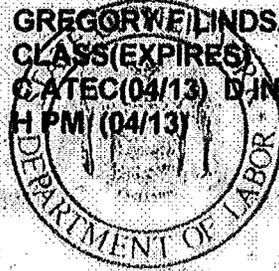
For the National Institute of Standards and Technology

A handwritten signature in black ink, appearing to read "W. D. Wild".

**STATE OF NEW YORK - DEPARTMENT OF LABOR
ASBESTOS CERTIFICATE**



GREGORY WE LINDSAY
CLASS (EXPIRES)
C-ATEC (04/13) D-INSP (04/13)
H-PMI (04/13)



CERT# 06-08692
DMV# 484160808

MUST BE CARRIED ON ASBESTOS PROJECTS

