



BrightFields, Inc.
Environmental Services

February 7, 2014

RECEIVED

FEB 7 2014

FACILITIES MANAGEMENT

Mr. Doyle Tiller
State of Delaware
Office of Maintenance and Budget
Division of Facilities Management
540 S. DuPont Highway, Suite 1
Dover, Delaware 19901

**RE: Magnolia Maintenance Yard – Buildings 1, 5, and 9
1229 Briarbush Road, Magnolia, DE 19962
Project No. T201080101.01 Magnolia Yard Site Improvements
BrightFields Project No. - 2680.28.74**

Dear Mr. Tiller:

Enclosed please find the Site Specific Section 01013 – Summary of the Work – Asbestos Abatement for the above mentioned project site. Based on the survey completed in September 2012, asbestos-containing roofing materials were identified at the subject property which will require abatement by a licensed abatement contractor. The following Section 01013 has been prepared as an addendum to the Master Specification for asbestos abatement for the Delaware Department of Transportation Asbestos Management Services contract which was reviewed and approved by the State of Delaware Office of Maintenance and Budget Division of Facilities Management on March 4, 2011. We are seeking your review and concurrence prior to initiation of abatement work on this project.

Please contact me at (302) 656-9600 if you have any questions.

Sincerely,
BrightFields, Inc.

Monty W. Krough, Sr.
AHERA Certified Project Designer No. 016725

Attachments: Project Specific P.E. Signature Page
Section 01013 – Summary of the Work – Asbestos Abatement
Project Specific Prevailing Wage Rate Sheet
Bid Sheet

In accordance with Delaware Code, Title 16, Chapter 78, Paragraph 7805 (1), the State of Delaware Facilities Management has reviewed this Specification and approves its use for the above mentioned project.

Signature: Doyle Tiller Date: 2/10/2014

Print: Doyle Tiller

State of Delaware, Office of Management and Budget, Division of Facilities Management



Attachment 1

Project Specific P.E. Signature Page



BrightFields, Inc.
Environmental Services

To the best of my knowledge, the attached site specific, **01013 Summary of the Work** (asbestos abatement) has been prepared from the information provided by the owner, physical observations of the building(s), and has been prepared in accordance with standard industry practices and all applicable federal, state and local codes and environmental regulations. The site specific 01013 Summary of the Work becomes part of the Master Specification for Asbestos Abatement/Decontamination for Delaware Department of Transportation Properties previously submitted and approved by Facilities management.

It is ultimately the responsibility of the Abatement Contractor to inspect all existing conditions prior to the execution of the contract and also to comply with all applicable State, Local, and Federal Codes and environmental regulations during all aspects of the abatement project.

Kenneth L. Hannon, P.E.
Delaware P.E. #17368

Date: 2/7/14



Attachment 2

Section 01013 – Summary of the Work – Asbestos Abatement



SECTION 01013 - SUMMARY OF THE WORK - ASBESTOS ABATEMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1, 2, 9, and 15 Specification Sections, apply to this Section.
- B. Master Specification for Asbestos Abatement/Decontamination for the Delaware Department of Transportation Properties dated March 1, 2011.

1.2 WORK COVERED BY CONTRACT DOCUMENTS

- A. Magnolia Maintenance Yard – Buildings 1, 5, and 9.

Project Location: 1229 Briarbush Road, Magnolia, DE 19962

1. Owner: Delaware Department of Transportation (DelDOT)

B. Contract Documents:

Prepared for the project by BrightFields, Inc.
801 Industrial Street,
Wilmington, DE 19801

Conditions that are indicated on the Contract Documents include but are not limited to the following:

1. Specification
2. Specification Addenda

Notices & Permits:

1. Job Site Notices & Permits:
 - a. Equal Employment Opportunity
 - b. Material Safety Data Sheets
 - c. Federal Environmental Protection Agency (EPA) 10-day Notification; if required
 - d. State of Delaware (DNREC) 10-day Notification; if required
 - e. Prevailing Wage Determination
 - f. Emergency Planning Procedures
 - g. Sub-Contractors List

Work to be performed subsequent to work under this contract: Although DelDOT properties are subject for demolition, only asbestos-containing material (ACM) or ACM contaminated materials are to leave the site.



All other building materials will be inventoried to ensure that nothing else leaves the site. Water and electricity shall not be available for abatement activities onsite and must be provided by the Contractor for all removal activities. Contractor will also be responsible for following all Occupational Health and Safety Administration (OSHA) guidelines for the duration of the project.

C. The Work consists of the proper removal of the following asbestos-containing roofing materials:

Magnolia Maintenance Yard, Buildings 1, 5, and 9, located at 1229 Briarbush Road, Magnolia, Delaware:

1. Asbestos-containing asphalt rolled roofing/flashing associated with flat roof above the shop area of building 1; please note this material is located under the current "A" frame portion of the roof. The "A" frame roof will required to be demolished to access original flat roof for abatement activities – estimated 3,360 square feet (7% Chrysotile).
2. Asbestos-containing roof flashing associated with the perimeter base of building 5 roof at aluminum flashing – estimated 652 square feet (8% Chrysotile).
3. Asbestos-containing roof flashing associated with the penetrations on building 9 roof – estimated 12 square feet associated with four penetrations (5% Chrysotile).

D. The Work will be constructed under a single prime contract.

1. Removal Procedures:

Removal of asbestos-containing roofing materials (miscellaneous):

- i. Please note: Abatement activities cannot begin or be completed without the owner's licensed Project Monitor present.
- ii. Install a 3-stage remote decontamination unit with shower adjacent to each of the work area (s). Please refer to Figures 5 through 7 for exact locations of work area.
- iii. A demarcated hot zone will be established using asbestos danger tape for each building (red in color). Two layers of polyethylene sheeting will be placed on the ground surface directly below the asbestos-containing roofing materials at all sides of the building (s) as a drop cloth (s).
- iv. Once an approval to commence is received from the owners' representative, the roofing materials shall be removed in a manner preventing the materials from becoming friable. BrightFields will not tolerate the free fall of any asbestos-containing roofing materials



during abatement activities. Amended water shall be used during the duration of the removal procedures. Dry removal of any asbestos-containing materials will not be tolerated

- v. A thorough final visual inspection will be performed to evaluate if the area has been sufficiently cleaned of ACM and all visible debris.
- vi. During the abatement activities the owner's representative will be collecting PCM air samples, one up wind and one down wind, to evaluate if the contractor is removing the asbestos-containing materials in a non-friable fashion.

2. The following inspections shall be performed during the project phases indicated:

- a. **Pre-Cleaning:** A visual inspection of the roofing and associated ground level area (s) must be performed by the Contractors' on-site supervisor and the Owners' representative together prior to any abatement activities.
- b. **Daily Project Inspections:** An inspection of the work area (s) and associated ground level area (s) shall be performed a minimum of twice daily by the Owners representative.
- c. **Final Visual Inspection:** A final visual inspection of the roofing and associated ground level area (s) shall be performed by the Contractors' on-site supervisor and Owners' representative.
- d. **Project Completion Inspection:** A final visual inspection of the work (s) and associated ground level area (s) shall be performed by the Contractors' on-site supervisor and Owners' representative after each regulated area has been demobilized, prior to turning the area (s) over to the Owner.

Minimum Respiratory protection for this project shall include **full face Powered Air Purifying Respirators (PAPR)** for set up and removal of the asbestos-containing materials.

As previously mentioned, electric and water shall not be available onsite and/or provided by the Owner. The Contractor will have to provide temporary electric and water sources for the duration of the project.

All existing electric power in the work area shall be confirmed de-energized by the abatement Contractor and temporary power shall be brought to the work area from outside – see section 01503 of the Specification. The Owner shall not supply temporary utilities. It is the Contractors' responsibility to comply with all OSHA requirements.

All workers must have their current State of Delaware Asbestos Worker/Supervisor Badge and current medical information available daily for verification and recording purposes by the Owners' representative in order to work on the project. **NO EXCEPTIONS SHALL BE TOLERATED.**

The abatement Contractor shall supply extra, new respirators (PAPR), respirator cartridges, disposable coveralls (w/head and foot covers) at the decontamination unit for use by authorized



visitors as well as the Owners' representative at all times. All decontamination procedures shall be strictly followed and enforced. A signed copy of the Workers' Acknowledgment shall be obtained from each worker - section 01301 of the Specification.

Measurements provided in this section are approximate and it is understood that ALL measurements must be verified by the Contractor and reported to the Owners' representative.

1. All work shall be performed in accordance with the requirements of the specification and all applicable Federal, State and local regulations.
2. Related Specifications – Master Specification for Asbestos Abatement/Decontamination for Delaware Department of Transportation.
3. Submittals: Prior to starting work, submit the following to the Owners' representative for review. Do not begin without the approval of the Owners' representative.
 - a. Scope of Work - Submit a detailed plan of the procedures to be used in complying with the requirements of this specification. Include the location and layout of decontamination unit(s), the sequencing of work, the interfacing of other trades, methods to be used to assure the safety of the building occupants and visitors, detailed disposal plan and a detailed description of the methods to be used to control pollution. The plan shall be submitted at the pre-work meeting and approved by the Owners' representative prior to starting work.
4. Inspection: Prior to starting work, inspect work areas, including slated demarcated ground level areas. Prepare a list of damages to the structure, surfaces and equipment of surrounding areas of the building that may be construed as damage caused by the work. Photograph or videotape existing conditions as necessary to document these conditions. Submit to the Owners' representative prior to starting work.

1.3 WORK SEQUENCE

A. **The Work** will be conducted in one phase:

1. Asbestos-containing asphalt rolled roofing/flashing associated with flat roof above the shop area of building 1; please note this material is located under the current "A" frame portion of the roof. The "A" frame roof will required to be demolished to access original flat roof for abatement activities – estimated 3,360 square feet (7% Chrysotile).
2. Asbestos-containing roof flashing associated with the perimeter base of building 5 roof at aluminum flashing – estimated 652 square feet (8% Chrysotile).
3. Asbestos-containing roof flashing associated with the penetrations on building 9 roof – estimated 12 square feet associated with four penetrations (5% Chrysotile).



1.4 ASBESTOS-CONTAINING MATERIALS:

- A.** The work of this contract involves activities that will disturb asbestos-containing materials. The location and type of asbestos-containing materials known to be present at the worksite is set forth in the "Schedule of Asbestos-Containing Materials" at the end of this section. If any other asbestos-containing materials or suspect asbestos-containing materials are found, notify the Owner, other employers and employees about the location and quantity of the asbestos-containing materials or suspect asbestos-containing materials within 24 hours of the discovery.

The following asbestos-containing materials are known to be present at the worksite. If any other materials are found that are suspected of containing asbestos, notify the Owners' representative immediately.

1. Asbestos-containing asphalt rolled roofing/flashing associated with flat roof above the shop area of building 1; please note this material is located under the current "A" frame portion of the roof. The "A" frame roof will required to be demolished to access original flat roof for abatement activities – estimated 3,360 square feet (7% Chrysotile).
2. Asbestos-containing roof flashing associated with the perimeter base of building 5 roof at aluminum flashing – estimated 652 square feet (8% Chrysotile).
3. Asbestos-containing roof flashing associated with the penetrations on building 9 roof – estimated 12 square feet associated with four penetrations (5% Chrysotile).

1.5 ASBESTOS HEALTH RISK:

- A.** The disturbance or dislocation of asbestos-containing materials may cause asbestos fibers to be released into the atmosphere, thereby creating a potential health risk to workers. Apprise all workers, supervisory personnel, subcontractors and consultants who will be at the job site of the seriousness of the risk and of proper work procedures which must be followed.
- B.** Where in the performance of the work, workers, supervisory personnel, subcontractors, or consultants may encounter, disturb, or otherwise function in the immediate vicinity of any identified asbestos-containing materials, take appropriate continuous measures as necessary to protect all building occupants from the risk of exposure to airborne asbestos. Such measures shall include the procedures and methods described herein, and compliance with regulations of applicable federal, state and local agencies.

1.6 CONTRACTOR USE OF PREMISES

- A. General:** During the abatement period the Contractor shall have limited use of the premises for abatement operations.

- B. **Use of the Site:** Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. **Owner Occupancy:** Allow for Owner occupancy and Owner's representative.
 - 2. **Driveways and Entrances:** Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.
- C. **Use of the Existing Building:** Maintain the existing building in a weather tight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building during the construction period.
 - 1. **Smoking:** Smoking or open fires will not be permitted on the property.
 - 2. **Toilet Rooms:** Use of onsite toilets will not be permitted. It will be the Contractors' responsibility to provide temporary sanitary facilities and/or use local offsite public facilities.

1.7 OCCUPANCY REQUIREMENTS

- A. **Partial Owner Occupancy:** The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
 - 1. The Owners' representative will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.

1.8 AIR MONITORING BY THE OWNER:

- A. **The Owner has contracted for air monitoring.** Air monitoring may be conducted outside the work area during the work.
 - 1. **Outside of the Work Area:** During the abatement activities the owner's representative will be collecting PCM air samples, one up wind and one down wind at each building, to evaluate if the contractor is removing the asbestos-containing materials in a non-friable fashion.
- B. **Air monitoring** required by OSHA is work of the Contractor and is not covered in this section. Contractor shall comply with all applicable regulatory sampling requirements as well as all monitoring requirements detailed in the Section.

1.9 SCHEDULE OF AIR SAMPLES BY OWNER:

A. Sample cassettes: Samples will be collected on 25 mm. cassettes as follows:

1. **PCM:** 0.8 micrometer mixed cellulose ester.

B. Number and Volume of Samples: The number and volume of air samples given in the schedules is approximate. The exact number and volume of samples collected by the Owner may vary depending upon job conditions and the analytical method used.

C. Sample Volume and Sensitivity:

1. **PCM:** The sample volumes collected by the Owners' air monitor will be determined by the following formula:

$$\frac{(\# \text{ Fibers in sample} - \text{fibers in blank}) 385\text{mm squared}}{(\text{Vol. Liters}) (1000) (0.00785\text{mm squared}) (\# \text{ fields})} = \text{fibers/cc}$$

Where:

Number of fibers = 5.5 fibers/100 fields, based on a limit of detection (LOD) of 7 fibers/mm² on the filter
 Area of 100 fields = 0.785mm²
 Total Filter Area = 385mm²
 Limit Value = as specified in the schedules of samples below

- a. For purposes of this specification, the sample volume calculated above will be considered to be of sufficient size so that there is a 95% level of confidence that the value measured by each individual sample at the limit of detection (LOD) is less than or equal to the limit values specified below.
- b. For purposes of this specification, the Limit of Detection (LOD) is defined as 7 fibers/mm² on the filter or 5.5 fibers/100 fields.
- c. For purposes of this specification overloaded samples will be considered as exceeding the applicable limit value.

D. Base Line:

NONE Proposed



E. Daily:

1. **From start of work** of Section 01526 Temporary Enclosures through the work of Section 01711 Project Decontamination, the Owner may take samples.
2. **Sample volume and sensitivity:** inside the work area may vary depending upon conditions in the work area. If samples are overloaded at the sample volume required for a limit value equal to the "Stop Action Levels" or "Immediate Stop Action Levels" given later in this section, the level is considered to have been exceeded.
3. **PCM Samples:**

Location Sampled	Number of Samples	Limit Value (Fibers/cc)	Approx. Volume (Liters)	Rate (LPM)
Each Work Area	2	0.01	1000	1-10
Outside Each Work Area at Critical Barrier	1	0.01	1000	1-10
Clean Room	1	0.01	1000	1-10
Equipment Decon	1	0.01	1000	1-10
Outside Building	1	0.01	1000	1-10
Output of Pressure Differential System	1	0.01	1000	1-10

- F. Additional samples** may be taken at the Owner's or Owners' representatives' discretion. If airborne fiber counts exceed allowed limits additional samples may be taken as necessary to monitor fiber levels.

1.10 ANALYTICAL METHODS USED BY THE OWNER:

- A. The following methods will be used by The Owner in analyzing filters used to collect air samples. Sampling rates may be varied from printed standards to allow for high volume sampling.
 1. Phase Contrast Microscopy (PCM) will be performed using the NIOSH 7400 method.

1.11 LABORATORY TESTING BY OWNER:

- A. **The services of a testing laboratory** may be employed by the Owner to perform laboratory analyses of the air samples. A technician will be at the job site, and samples will be sent daily by carrier for next day delivery, so that verbal reports on air samples can be obtained within 24 hours.
- B. **A complete record** of all air monitoring and results will be furnished to the Owners' representative, the Owner, and the Contractor.
- C. **The Contractor will have access** to all air monitoring tests and results upon request.
- D. **Written Reports:** of all air monitoring tests will be posted at the job site on a daily basis.

1.12 FIBERS AND STRUCTURES

- A. **Fibers Counted:** The following procedure will be used to resolve any disputes regarding fiber types when a project has been stopped due to excessive airborne fiber counts.
 - 1. **Large Fibers:** "Airborne Fibers" referred to above include all fibers regardless of composition as counted by phase contrast microscopy (PCM), unless additional analysis by transmission or scanning electron microscopy demonstrates to the satisfaction of the Owners' representative that non-asbestos fibers are being counted. "Airborne Fibers" counted in samples analyzed by transmission electron microscopy shall be asbestos fibers, greater than 5 microns in length.

For purposes of stop action levels, subsequent to analysis by electron microscopy, the number of "Airborne Fibers" shall be determined by multiplying the number of fibers, regardless of composition, counted by PCM by the proportion of fibers that are asbestos as determined by TEM (a number equal to, asbestos fibers counted, divided by all fibers counted in the electron microscopy analysis).
 - 2. **Small Structures:** "Airborne Fibers" referred to above include asbestos structures (fibers, bundles, clusters or matrices) of any diameter and any length greater than 0.5 microns.

1.13 ADDITIONAL TESTING:

- A. **The Contractor may conduct** air monitoring and laboratory testing. If Contractor elects to do this the cost of such air monitoring and laboratory testing shall be at no additional cost to the Owner. The Contractor is required to provide Owner with results of all air monitoring and testing within 3 days of receiving results.



BrightFields, Inc.
Environmental Services

1.14 PERSONAL MONITORING:

- A. **Owner will not perform** air monitoring for the Contractor to meet Contractor's OSHA requirements for personal sampling or any other purpose.

1.15 MISCELLANEOUS PROVISIONS

- A. **None.**

PART 2 - PRODUCTS (Not Applicable)



PART 3 - EXECUTION

3.1 STOP ACTION LEVELS:

A. Inside Work Area: Maintain an average airborne count in the work area of less than the Stop Action Level given below for the type of respiratory protection in use. If the fiber counts rise above this figure for any sample taken, revise work procedures to lower fiber counts. If the Time Weighted Average (TWA) fiber count for any work shift or 8 hour period exceeds the Stop Action Level, stop all work except corrective action, leave pressure differential and air circulation system in operation and notify Owners' representative. After correcting cause of high fiber levels, do not recommence work for 24 hours unless otherwise authorized, in writing, by Owners' representative.

STOP ACTION LEVEL (F/cc)	IMMEDIATELY STOP LEVEL (F/cc)	MINIMUM RESPIRATOR REQUIRED	PROTECTION FACTOR
0.1	0.5	Half face	10
0.5	2.5	PAPR	1,000
1.0	5.0	Supplied Air Pressure Demand	1,000

1. If airborne fiber counts exceed Immediate Stop Level given above for type of respiratory protection in use for any period of time cease all work except corrective action. Notify the Owners' representative. Do not recommence work until fiber counts fall below Stop Action Level given above for the type of respiratory protection in use. After correcting cause of high fiber levels, do not recommence work for 24 hours unless otherwise authorized, in writing, by the Owners' representative.

B. Outside Work Area: If any air sample taken outside of the Work Area exceeds levels at or above 0.5 Fibers/cc, immediately and automatically stop all work except corrective action. The Owners' representative will determine the source of the high reading and so notify the Contractor in writing.

C. Corrective Action:

1. If the high reading was the result of a failure of Work Area isolation measures initiate the following actions:
 - a. Immediately erect new critical barriers as set forth in Section 01526 Temporary Enclosures to isolate the affected area from the balance of the building. Erect Critical Barriers at the next existing structural isolation of the involved space (e.g. wall, ceiling, and floor).
 - b. Decontaminate the affected area in accordance with Section 01712 Cleaning & Decontamination Procedures.



- c. Require that respiratory protection as set forth in Section 01562 Respiratory Protection be worn in affected area until area is cleared for re-occupancy in accordance with Section 01711 Project Decontamination.
 - d. Leave Critical Barriers in place until completion of work and insure that the operation of the pressure differential system in the Work Area results in a flow of air from the balance of the building into the affected area.
 - e. If the exit from the clean room of the personnel decontamination unit enters the affected area, establish a decontamination facility consisting of a Shower Room and Changing Room as set forth in Section 01563 Decontamination Units at entry point to affected area.
 - f. After Certification of Visual Inspection in the Work Area remove critical barriers separating the work area from the affected area. Final air samples will be taken within the entire area as set forth in Section 01711 Project Decontamination.
2. If the high reading was the result of other causes initiate corrective action as determined by the Owners' representative.

D. Effect on Contract Sum: Complete corrective work with no change in the Contract Sum if high airborne fiber counts were caused by Contractor's activities. The Contract Sum and schedule will be adjusted for additional work caused by high airborne fiber counts beyond the Contractor's control.

3.2 STOP WORK:

- A. If the Owner or Owners' representative** presents a written stop work order, immediately and automatically conform to that stop work order, while maintaining temporary enclosures and pressure differential. Do not recommence abatement work until authorized in writing by Owner or Owners' representative.
- B. Immediately initiate the following actions:** After being presented with a stop work order immediately:
 1. Cease all asbestos removal activities, or any other activities that disturbs asbestos-containing materials.
 2. Repair any fallen, ripped or otherwise failed work area isolation measures.
 3. Maintain in operation all work area isolation measures including those required by Sections 01526 Temporary Enclosures, 01513 Temporary Pressure Differential & Air Circulation System, 01563 Decontamination Units.
 4. Maintain all worker protections including those required by Sections 01560 Worker Protection - Asbestos Abatement, and 01562 Respiratory Protection.
 5. Saturate the roofing material (s) and work area with copious amounts of amended water to adequately wet the material (s) and reduce airborne fiber levels.



C. Do not recommence work until authorized in writing by the Owner or Owners' representative.

3.3 SCHEDULE OF ASBESTOS-CONTAINING MATERIALS:

Quantities are estimations only and need to be field verified by Contractor.

APPROXIMATE QUANTITIES AND LOCATIONS

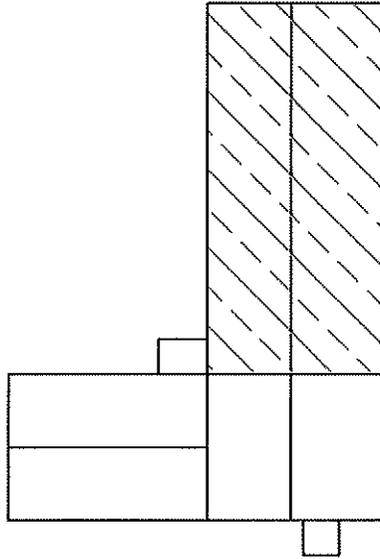
CONTRACTOR MUST VERIFY ALL QUANTITIES AND LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

1229 Briarbush Road, Magnolia, DE

Location	Material	Quantity (Est.)	% Asbestos
Building 1	asphalt rolled roofing/flashing	3,360 square feet	7% Chrysotile
Building 5	roof flashing	652 square feet	8% Chrysotile
Building 9	roof flashing	12 linear feet	5% Chrysotile

END OF SECTION - 01013

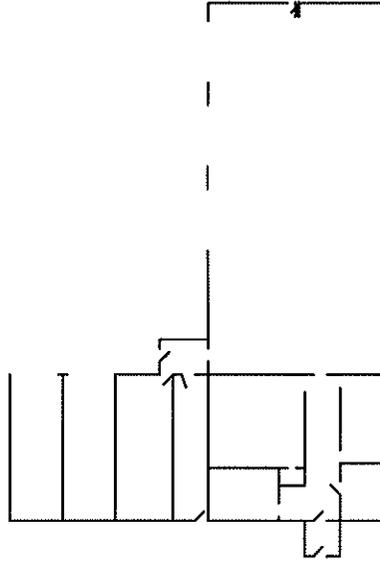
Roof



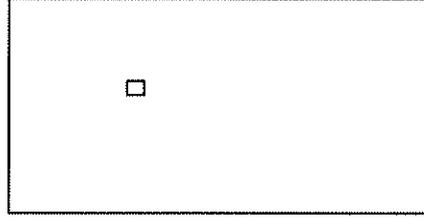
Asbestos-containing asphalt built-up roofing/flashing associated with flat roof located under current "A" Framed roof



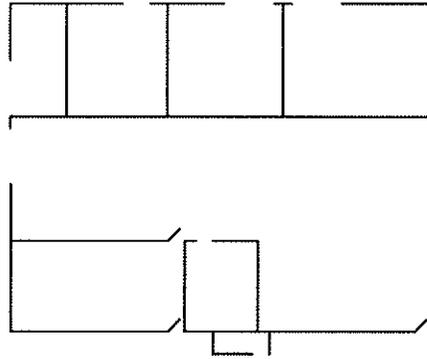
Main Floor



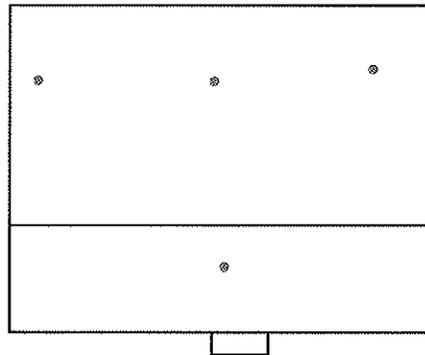
Attic



Main Floor



Roof



* Asbestos-containing roof flashing associated with penetrations on roof of building 9



BrightFields, Inc.
Environmental Evaluation,
Investigation, and Remediation

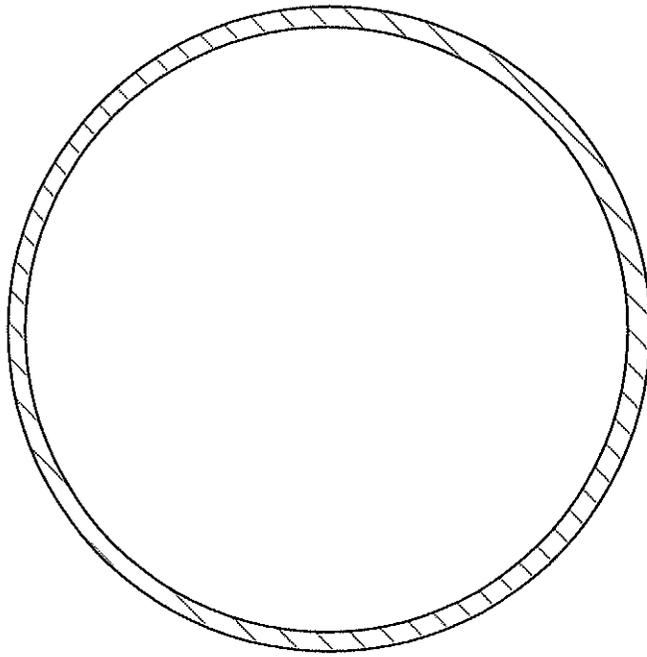
801 Industrial Street, Suite 1
Wilmington, Delaware 19801
302 656-9600
302 656-9700 fax

Building 9 Asbestos-containing Material Locations
Magnolia Maintenance Yard
Magnolia, Delaware

BY		DATE	SCALE	AC FILE
DR/WH	JPR	9/17/2012	1:264	Magnolia
CR/DOO	KLH	2/7/2014	DWL NO.	REV.
PROJECT #	25800.2B.7A		Figure 2	0

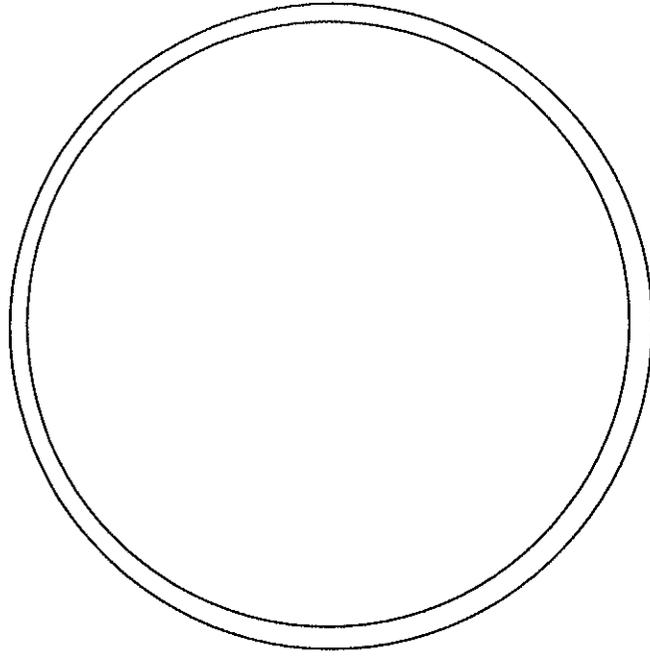


Roof



Asbestos-containing roof flashing associated with aluminum flashing base on roof

Main Floor



BrightFields, Inc.
 Environmental Evaluation,
 Investigation, and Remediation
 801 Industrial Street, Suite 1
 Wilmington, Delaware 19801 302 656-9900 fax
 302 656-9700

Building 5 Asbestos-Containing Material Locations
 Haggrada Maintenance Yard
 Haggrada, Delaware

DATE	BY	SCALE	AC PLS
9/17/2012	JFR	1:100	Haggrada
2/7/2014	JLI		REV.
2880.26.7.4		Figure 3	0



Attachment 3

Project Specific Prevailing Wage Rate Sheet



STATE OF DELAWARE
DEPARTMENT OF LABOR
DIVISION OF INDUSTRIAL AFFAIRS

225 Corporate Boulevard, Suite 104
Newark, Delaware 19702

Via Facsimile and Regular Mail

TELEPHONE (302) 761-8200
(302) 451-3423
Fax (302) 368-6604

January 16, 2014

Mr. Jason Sunde, Project Manager
Bright Fields Inc.
801 Industrial St #1
Wilmington, DE 19801

Re: Category Determination Magnolia Maint. Yard Bldgs. 1,5,and 9, Kent County, Delaware

Dear Mr. Sunde:

I am responding to your request for a category determination for the Magnolia Maint. Yard Bldgs. 1,5, and 9, which is a state funded construction project located in Kent County, Delaware. The work consists of the removal of asbestos containing materials from Bldgs. 1,5, and 9. You estimate the total cost of construction for this project to be \$19,120.00.

On December 9, 2013, this Office received a request for a category determination, for Contract #T201080101.01 Magnolia Yard Site Improvements, from Mr. Scott Gottfried representing Delaware Department of Transportation. This Office issued certified Building Construction Prevailing Wage rates, effective March 15, 2013 for this project. Based on information received from the Project Engineer, Matthew Lichtenstein, the tasks described in your request are included in the determination dated December 13, 2013. This determination was mailed and faxed to Mr. Gottfried. I have enclosed a copy of that determination letter and the applicable certified rates for the project.

Delaware's Prevailing Wage Regulations provide that the rates applicable to a project are the rates in effect on the date of publication of the specifications for that project. However, please be advised that, in the event that a contract for a project is not executed within one hundred and twenty (120) days from the earliest date the specifications were published, the rates in effect at the time of the execution of the contract shall be the applicable rates for the project.

If you have any questions or I can provide any additional assistance, please do not hesitate to contact me at (302) 451-3406.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Johnson".

Ken Johnson
Labor Law Enforcement Officer
kennethw.johnson@state.de.us

Enclosure;

STATE OF DELAWARE
DEPARTMENT OF LABOR
DIVISION OF INDUSTRIAL AFFAIRS
OFFICE OF LABOR LAW ENFORCEMENT
PHONE: (302) 451-3423

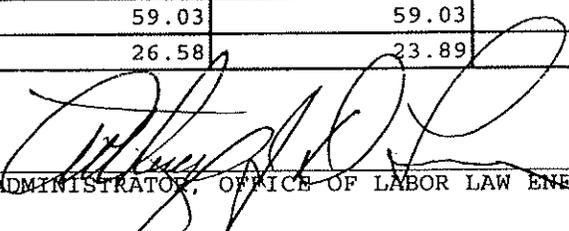
Mailing Address:
225 CORPORATE BOULEVARD
SUITE 104
NEWARK, DE 19702

Located at:
225 CORPORATE BOULEVARD
SUITE 104
NEWARK, DE 19702

PREVAILING WAGES FOR BUILDING CONSTRUCTION EFFECTIVE MARCH 15, 2013

CLASSIFICATION	NEW CASTLE	KENT	SUSSEX
ASBESTOS WORKERS	21.87	26.94	39.20
BOILERMAKERS	65.47	33.22	48.83
BRICKLAYERS	46.83	46.83	46.83
CARPENTERS	50.06	50.06	39.82
CEMENT FINISHERS	27.61	29.11	21.20
ELECTRICAL LINE WORKERS	43.49	37.29	28.44
ELECTRICIANS	60.60	60.60	60.60
ELEVATOR CONSTRUCTORS	75.33	40.93	30.55
GLAZIERS	64.10	64.10	54.20
INSULATORS	51.48	51.48	51.48
IRON WORKERS	59.12	59.12	59.12
LABORERS	38.30	38.30	38.30
MILLWRIGHTS	62.18	62.18	48.75
PAINTERS	42.02	42.02	42.02
PILEDRIVERS	67.87	37.64	30.45
PLASTERERS	28.55	28.55	17.50
PLUMBERS/PIPEFITTERS/STEAMFITTERS	59.00	49.26	46.28
POWER EQUIPMENT OPERATORS	57.06	57.06	24.13
ROOFERS-COMPOSITION	21.77	17.96	19.34
ROOFERS-SHINGLE/SLATE/TILE	17.59	17.50	16.45
SHEET METAL WORKERS	62.74	62.74	62.74
SOFT FLOOR LAYERS	45.97	45.97	45.97
SPRINKLER FITTERS	51.75	51.75	51.75
TERRAZZO/MARBLE/TILE FNRS	51.41	51.41	45.45
TERRAZZO/MARBLE/TILE STRS	59.03	59.03	52.63
TRUCK DRIVERS	26.58	23.89	20.03

CERTIFIED: 12/9/13

BY: 

ADMINISTRATOR, OFFICE OF LABOR LAW ENFORCEMENT

NOTE: THESE RATES ARE PROMULGATED AND ENFORCED PURSUANT TO THE PREVAILING WAGE REGULATIONS ADOPTED BY THE DEPARTMENT OF LABOR ON APRIL 3, 1992.

CLASSIFICATIONS OF WORKERS ARE DETERMINED BY THE DEPARTMENT OF LABOR. FOR ASSISTANCE IN CLASSIFYING WORKERS, OR FOR A COPY OF THE REGULATIONS OR CLASSIFICATIONS, PHONE (302) 451-3423.

NON-REGISTERED APPRENTICES MUST BE PAID THE MECHANIC'S RATE.

PROJECT: T201080101.01; Magnolia Yard Site Improvements, Kent County



Attachment 4

Bid Sheet

