

**DELDOT Administration Building**  
**Roof Replacement and Repairs**  
**800 Bay Road**  
**Dover, Delaware**

**ADDENDUM No. 4**  
**February 11, 2014**

**OMB/DFM Contract No. MC5511000007**

The following document is intended to amend the revised Project Manual and Drawings (revised 1/2/2014 and issued for bidding 1/21/2014) for the above-referenced project.

1. It shall be the contractor's responsibility to legally dispose of all removed roof ballast stone off site.
2. The State of Delaware shall provide cold water sources for the contractor's use for power washing, or otherwise cleaning the remaining cast stone copings above the window surrounds and approximately 40 L.F. of cast stone coping on the west side parapet wall of roof area R10.
3. It is the intent of the documents that masonry re-pointing be limited to the high parapet walls of roof area R4 and the stair-tower penthouse and adjacent free standing masonry walls on roof area R5.
4. Project Manual:
  - A. Specification Section 075216 SBS Modified Membrane Roof System, Page 075216-11, Paragraph 3.10 Roofing Installers Warranty, sub-paragraph D.1.b, revised as follows:

"b. A 3 second peak gust wind speed exceeding 90 MPH (72 MPH fastest mile wind speed);"
5. Attachments:
  - A. Addendum No. 1.0, Prepared and Issued by Harvard Environmental, Inc., regarding removal of asbestos containing materials being done under a separate contract, is attached for informational and coordination purposes.

\*\*\* End of Addendum No. 4 \*\*\*



## DELDOT Administration Building Asbestos Roof Removal

Dover, DE  
H-12215.1

### ADDENDUM 1.0 PRE-BID MEETING

February 10, 2014

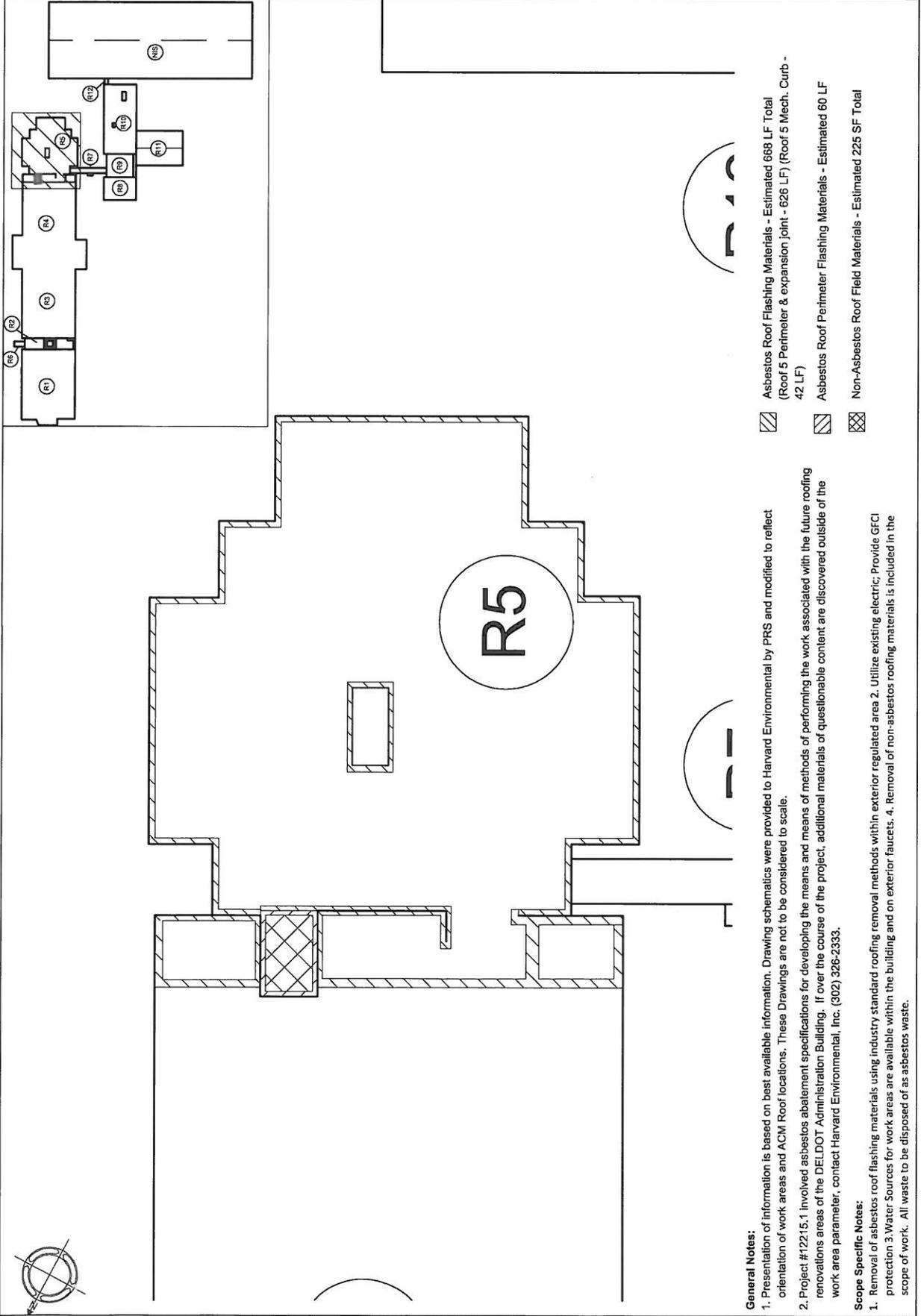
This document is associated with the DELDOT Administration Building Asbestos Roof Removal, (Harvard Reference Number H-12215.1), and is considered incorporated into the Contract Documents.

- 1.1 A Pre Bid Meeting for the Project was conducted on January 29, 2014, 10:30 AM at the Facility, 800 Bay Road, Dover, DE.
- 1.2 Provided on Attachment 1.1 is a listing of individuals who attended the bid meeting.
- 1.3 Addendums will be provided to the contractor electronically via email. All addendums will be pdf format. Contractors must validate their receipt with signatures and fax of Attachment 1.2 in a timely manner.
- 1.4 **Bid opening date and time is February 17<sup>th</sup>, 2014, 3:30 PM.** Any questions regarding the project shall be directed to Harvard Environmental by 2/5/14 at 3:00 PM. All bids must be submitted in triplicate in sealed envelopes. ***Bids can be mailed or hand delivered to Mr. John Dunham, State of Delaware, 540 S. Dupont Highway, Dover, DE 19901. No faxes or e-mails accepted.***
- 1.5 Bid, performance and payment bonds have been waived for this project.
- 1.6 ADD & DEDUCT value shall be the same identical value. Multiple values will be voided and not accepted on the Unit Price Bid Forms.
- 1.7 Start date is tentative, but is estimated to be during the later winter/ early spring 2014. 2<sup>nd</sup> shifts will be scheduled. Weekends are not permitted unless previous authorized by the State.
- 1.8 ***A revised drawing is attached to this addendum and identifies additional flashing materials near the expansion joint.***
- 1.9 Contractor shall provide fall protection (harnesses and lanyards) for the asbestos personnel.
- 1.10 Roofer will be responsible for providing temporary roofing at areas where flashing is removed. The contractor shall not be restricted to the number of working days to complete the abatement.



- 1.11 The roof #5 composition was determined through core testing by Professional Roof Services to be 4-ply Built-up coal tar pitch roof and approx. 2" of foam glass insulation underneath 1.5" of iso insulation and EPDM membrane/ ballast. The deck is concrete.
- 1.12 Existing electric to provide the temporary lighting is located within the interior of the building and the exterior.
- 1.13 Cold water sources will be made available by the State of Delaware. Contractor is responsible for providing hot water for the personnel decon. Location of the decon is noted as a remote exterior location. This location will be determined at the pre-con meeting.
- 1.14 Waste dumpster location will be located at the south end loading dock area of the building. The State will attempt to provide ample room for the roofer's and the abatement contractor's waste dumpsters.
- 1.15 The contractor will be responsible for clearing the roof's perimeter edge surfaces that are scheduled for abatement. The ballast can be moved towards the center of the roof.
- 1.16 The contractor proposal will include abatement of flashing materials from a cleared roof surface. The stone will be removed from Roof 5 prior to the abatement activities. The stairwell roof ballast will be removed by the abatement contractor and placed on the lower roofs.
- 1.17 The contractor shall use a waste chute at the south end of the building (roof 5's south end). Caution must be used during the waste drop to protect the building's flood lights and concrete casts around the south end windows. Contractor is responsible for any damage that may occur.
- 1.18 The contractor is responsible for protecting the asphalt, concrete sidewalk, and grounds at the dumpster location. Any damage occurrences are the contractor's responsibility.
- 1.19 All Cat. I non-friable roofing waste shall be disposed of at ***DSWA Cherry Island Landfill***.
- 1.20 This project was determined to be building construction, asbestos workers in Kent County. The certified prevailing wage rates and DOL letter is included within the spec.

**END OF BID MEETING MINUTES – ADDENDUM 1.0**



-  Asbestos Roof Flashing Materials - Estimated 668 LF Total  
 (Roof 5 Perimeter & expansion joint - 626 LF) (Roof 5 Mech. Curb - 42 LF)
-  Asbestos Roof Perimeter Flashing Materials - Estimated 60 LF
-  Non-Asbestos Roof Field Materials - Estimated 225 SF Total

**General Notes:**

1. Presentation of information is based on best available information. Drawing schematics were provided to Harvard Environmental by PRS and modified to reflect orientation of work areas and ACM Roof locations. These Drawings are not to be considered to scale.
2. Project #12215.1 involved asbestos abatement specifications for developing the means and means of performing the work associated with the future roofing renovations areas of the DELDOT Administration Building. If over the course of the project, additional materials of questionable content are discovered outside of the work area parameter, contact Harvard Environmental, Inc. (302) 326-2333.

**Scope Specific Notes:**

1. Removal of asbestos roof flashing materials using industry standard roofing removal methods within exterior regulated area 2. Utilize existing electric; Provide GFCI protection 3. Water Sources for work areas are available within the building and on exterior faucets. 4. Removal of non-asbestos roofing materials is included in the scope of work. All waste to be disposed of as asbestos waste.



**Attachment 1.1**  
**Meeting Attendance Record**  
**DELDOT Administration Building**  
**Asbestos Roof Removal**  
**H-12215.1**

<b>Name</b>	<b>Company</b>	<b>Phone #</b>	<b>Fax</b>	<b>E-Mail</b>
Michael Sanders	Harvard Env.	302-326-2333	302-326-2335	<a href="mailto:msanders@harvardenv.com">msanders@harvardenv.com</a>
Sam Betley	Astec Inc.	302-378-2717	302-376-3999	<a href="mailto:astec@mac.com">astec@mac.com</a>
Jim Kelly	Plymouth Environmental Inc.	610-239-9920	610-239-9921	<a href="mailto:jkelly@plyenv.com">jkelly@plyenv.com</a>
Ben Hodgdon	County Environmental Inc.	302-322-8946	302-324-8482	<a href="mailto:bhodgdon@countygrp.com">bhodgdon@countygrp.com</a>
Steve Coady	AIM Services Inc.	(410) 651-9030		<a href="mailto:scoady@aimservicesinc.com">scoady@aimservicesinc.com</a>