February 20, 2024

Mr. Keith Kovach
Covina Valley Unified School District
Facilities and Construction
519 East Badillo Street
Covina, California 91723

RE: Asbestos Abatement Work Plan
Barranca Elementary School
HVAC Replacement Project
727 South Barranca Avenue
Covina, California 91723

CES Project No.: 24.CVUSD-01

Dear Mr. Kovach:

At the request of the Covina-Valley Unified School District, CES Environmental Consultants, Inc. (CES) completed a limited asbestos and lead survey at Mesa Elementary School.

The survey identified Asbestos-Containing Materials (ACM). The survey was limited to the areas impacted by the Heating Ventilation Air Conditioning (HVAC) replacement project in Building B-Mechanical Room B113.

As a result of the findings, CES Environmental Consultants has developed this asbestos work plan for the abatement of the ACM materials.

If you have any questions concerning the report, please contact our office.

This report was prepared by:

Elmer Ivan Castro
Cal-OSHA Certified Asbestos Consultant (No.: 13-5074)
California Department of Public Health Lead Inspector Assessor
CES Environmental Consultants
6741 Friends Avenue Suite B
Whittier, California 90601

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Table I: Summary of ACMs

Material	Material Location	Results	Condition	Friable	Est. Quantity
Silver paper wrap on fiberglass duct insulation	Mechanical Room B113 (on duct work)	30% Chrysotile	Damaged (No debris)	Yes	100 SF
3" OD aircell pipe insulation	Mechanical Room B113 (embedded in wall)	40% Chrysotile	Damaged (No debris)	Yes	3 SF
White chalky material on metal pipe	Mechanical Room B113 (on hot water lines at 90° elbows	15-40% Chrysotile 5% Amosite	Intact	Yes	20 elbows
12" OD transite pipe	Mechanical Room B113 (east center above duct work)	Assumed ACM	Intact	No	8 linear feet (LF)
Fire door	Mechanical Room B113 (at entry	Assumed ACM	Intact	No	1 Door

Notifications and Qualifications of Abatement Contractor

- Provide all required agency notifications and all work must be completed in compliance with CAL-OSHA and AQMD.

- Furnish trained and qualified personnel with personal protective equipment to perform the work described herein. All asbestos abatement workers must have a minimum of 40 hours of training with annual refreshers as specified in 40 CFR 763 subpart E and CCR Title 8. Section 1529 for Class I asbestos work.

- The abatement work shall be supervised by AHERA Asbestos Abatement Contractor/Supervisor.

Personal Protective Equipment

- All individuals in the work area will wear at a minimum a NIOSH/OSHA approved half-mask air purifying respirator equipped with HEPA cartridges. Power Air Purifying Respirators (PAPR) will be worn if applicable.

- Disposable protective clothing will be worn at all times inside the work area. Protective clothing is made of breathable fabric to reduce the potential for worker heat stress. Workers shall also don gloves, hard hats, eye protection and work boots.

Abatement

- Install a full containment, negative air machines to be installed to maintain a negative pressure of -0.02 WC, checked and ensured by a recording manometer. Three-stage personal decontamination chamber with operational shower shall be constructed continuous to each work area.

- ACM to be removed using wet methods and manual means.

- All asbestos-containing waste generated during this project including waste debris, rags, coveralls, associated poly sheeting and any asbestos-containing debris shall be placed and stored in clear, sealed, leak-tight and appropriately goose- neck labeled bags (containers), and disposed of properly.

Area Clearance

- CES will perform the final visual inspection of the work area containment. The inspection will be to verify that the identified materials and surfaces included in this scope of work have been complete, and that the containment areas have been adequately cleaned. The scope of work will be deemed complete when results of the visual inspection have determined no visible dust and debris in the affected area.

- Upon passing of the final visual inspection, CES will conduct clearance sampling. The clearance sampling will include the following:
  Asbestos air samples will be taken for TEM analysis in compliance with AHERA regulations. All TEM samples must be average 70 structures/mm^2 to pass.

If you have any questions or concerns, feel free to contact the undersigned at (323) 899-2488.

Submitted by,

CES Environmental Consultants

Elmer Ivan Castro
Senior Project Manager
CES Environmental Consultants, Inc.