

September 9, 2023

Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Asbestos Survey**
Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

PO No: T6000763

Project No: OC164900

Dear Mr. Johnson,

On August 16, 17, 18, & 21, 2023, California DOSH Certified Site Surveillance Technician, Mr. Mitchell Martinez (CSST 13-5045) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited asbestos inspection at the above subject property located in Westminster, California. **The purpose of the inspection was to determine if asbestos is present in the building materials for an upcoming renovation at the subject property.**

Summary of Positive Results

The following asbestos-containing materials were identified in Building R21-R23:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Yellow Flooring Mastic	21-25	Classrooms R21, R22, & R23 Floors Under Carpet	Intact	NF	2,250 SF	3% Chrysotile
Gray Window Putty	32-34	Exterior Windows	Intact	NF	120 SF	2% Chrysotile
Tan Stucco	35A-37A	Exterior Overhang	Intact	NF	1,000 SF	0.6-1.1% Chrysotile
TSI Elbows	269-271	Attic Space Elbows	Intact	NF	15 SF	20% Chrysotile 15% Amosite 15% Crocidolite
TSI Pipe Run	272-274	Attic Space Pipe Run	Intact	NF	300 SF	15% Chrysotile 25% Amosite 5% Crocidolite

Tan Vibration Collar	N/A	Attic Space HVAC Unit	Intact	NF	24 SF	*ASSUMED
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the tan vibration collars material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

The following asbestos-containing materials were identified in Building R18-R20:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Yellow Flooring Mastic	49-53	Classrooms R18, R19, & R20 Floors Under Carpet	Intact	NF	2,700 SF	3% Chrysotile
Gray Window Putty	54-56	Exterior Windows	Intact	NF	120 SF	2% Chrysotile
TSI Pipe Run	263-265	Attic Space Pipe Run	Intact	NF	300 SF	20% Chrysotile 20% Amosite 5% Crocidolite
TSI Elbows	266-268	Attic Space Elbows	Intact	NF	15 SF	20% Chrysotile 15% Amosite 15% Crocidolite
Tan Vibration Collar	N/A	Attic Space HVAC Unit	Intact	NF	24 SF	*ASSUMED
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the tan vibration collars material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

EPA 1000 Point Count method has identified these building materials as asbestos-containing construction material (ACCM) in Building R18-R20:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Tan Stucco	57A-59A	Exterior Overhang	Intact	NF	1,000 SF	0.2-0.9% Chrysotile
F = Friable NF = Non-Friable						

Cal/OSHA (Title 8 Section 1529) - ACCM: means any material which contains less than one percent (<1%) asbestos and greater than one tenth of 1 percent (>0.1%) asbestos by weight.

The following asbestos-containing materials were identified in Building R15-R17:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Green/ Yellow Flooring Mastic	71-73	Classroom R17 Floor Under Carpet	Intact	NF	900 SF	3% Chrysotile
Black Mastic	80B-84B	Classroom R16 and R15 Floors	Intact	NF	1,800 SF	5% Chrysotile
TSI Pipe Run	257-259	Attic Space Pipe Run	Intact	NF	300 SF	10% Chrysotile 20% Amosite 10% Crocidolite
TSI Elbows	260-262	Attic Space Elbows	Intact	NF	15 SF	15% Chrysotile 25% Amosite 5% Crocidolite
Tan Vibration Collar	N/A	Attic Space HVAC Unit	Intact	NF	24 SF	*ASSUMED
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the tan vibration collars material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

EPA 1000 Point Count method has identified these building materials as asbestos-containing construction material (ACCM) in Building R18-R20:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Tan Stucco	88A-90A	Exterior Overhang	Intact	NF	1,000 SF	<0.1-0.9% Chrysotile
F = Friable NF = Non-Friable						

Cal/OSHA (Title 8 Section 1529) - ACCM: means any material which contains less than one percent (<1%) asbestos and greater than one tenth of 1 percent (>0.1%) asbestos by weight.

The following asbestos-containing materials were identified in Building R11-R14:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Tan Stucco	113A-115A	Exterior Overhang	Intact	NF	1,000 SF	0.3-1.1% Chrysotile
F = Friable NF = Non-Friable						

The following asbestos-containing materials were identified in Building R8-R10:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Yellow Flooring Mastic	142-146	Classroom R8, R10, and Speech Floors Under Carpet	Intact	NF	1,800 SF	3% Chrysotile
Black Mastic	147B-149B	Classroom R10 Floor	Intact	NF	450 SF	3% Chrysotile
TSI Pipe Run	251-253	Attic Space Pipe Run and Debris	Damaged 4%	F	700 SF	15% Chrysotile 30% Amosite 10% Crocidolite
TSI Elbows	254-256	Attic Space Elbows	Damaged 13%	F	15 SF	30% Chrysotile 15% Amosite 5% Crocidolite
Tan Vibration Collar	N/A	Attic Space HVAC Unit	Intact	NF	24 SF	*ASSUMED
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the tan vibration collars material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

EPA 1000 Point Count method has identified these building materials as asbestos-containing construction material (ACCM) in Building R8-R10:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Tan Stucco*	150A-152A	Exterior Overhang	Intact	NF	1,000 SF	<0.1-0.2% Chrysotile
Gray Scratch Coat	150B-152B	Exterior Overhang	Intact	NF	1,000 SF	<0.1% Chrysotile

F = Friable

NF = Non-Friable

Cal/OSHA (Title 8 Section 1529) - ACCM: means any material which contains less than one percent (<1%) asbestos and greater than one tenth of 1 percent (>0.1%) asbestos by weight.

***Based on the analytical result of the asbestos-containing tan stucco material which is adhered to the gray scratch coat material (the wall system) should be removed and disposed as an Asbestos-Containing Construction Material (ACCM).**

The following asbestos-containing materials were identified in Building R4-R6:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Yellow Flooring Mastic	175-179	Classroom R5 & R6 Floors Under Carpet	Intact	NF	2,700 SF	3% Chrysotile
Gray Window Putty	180-182	Exterior Windows	Intact	NF	120 SF	3% Chrysotile
F = Friable NF = Non-Friable						

The following asbestos-containing materials were identified in Building R1-R3:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black/Yellow Flooring Mastic	196-200	Classroom 3, K2, and K1 Floors Under Carpet	Intact	NF	1,800 SF	3% Chrysotile
TSI Pipe Run	245-247	Attic Space Above Classroom 3	Intact	NF	12 SF	20% Chrysotile 20% Amosite 5% Crocidolite
TSI Elbows	248-250	Attic Space Above Classroom 3	Intact	NF	4 SF	30% Chrysotile 15% Amosite 5% Crocidolite
Tan Vibration Collar	N/A	Attic Space HVAC Unit	Intact	NF	24 SF	*ASSUMED
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the tan vibration collars material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

EPA 1000 Point Count method has identified these building materials as asbestos-containing construction material (ACCM) in Admin Building:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Skim Coat	222B-225B	Reception, Janitor's Closet, Principal's Office, Reception, and Nurse's Office Walls	Intact	NF	1,970 SF	<0.1-0.4% Chrysotile
Tan Stucco	236A-238A	Exterior Overhang	Intact	NF	800 SF	0.2-0.4% Chrysotile
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Cal/OSHA (Title 8 Section 1529) - ACCM: means any material which contains less than one percent (<1%) asbestos and greater than one tenth of 1 percent (>0.1%) asbestos by weight.

The following asbestos-containing materials were identified in Admin Building:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Black Mastic	230B-232B	Principal's Office, Nurse's Office, and Mail Room Floors	Intact	NF	440 SF	3% Chrysotile
Gray Window Putty	233-235	Exterior Windows	Intact	NF	100 SF	2% Chrysotile
TSI Pipe Run	239-241	Attic Space Piping	Intact	NF	180 SF	20% Chrysotile 20% Amosite 5% Crocidolite
TSI Elbows	242-244	Attic Space Elbows	Intact	NF	15 SF	25% Chrysotile 10% Amosite 5% Crocidolite
F = Friable NF = Non-Friable						

The following asbestos-containing materials were identified in Buildings R1-R21:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Whiteboard	N/A	Rooms R1-R21	Intact	NF	1,400 SF	ASSUMED*
F = Friable NF = Non-Friable						

***Mr. Fernando Najera-Hernandez CAC (11-4771) of Patriot is assuming the whiteboard material is an Asbestos-Containing Material (ACM as defined by Rule 1403 - is a material that contains greater than 1% asbestos content) and therefore an asbestos abatement contractor must remove the material prior to disturbance.**

Note: The quantities of asbestos-containing materials and asbestos-containing construction materials identified in this report are approximations. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their job walk for preparation of their bid.

Summary of Point Count Findings

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building R21-R23:

Homogeneous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Skim Coat	10B-11B	Classroom R23. Boys Bathroom, and Storage Room Walls and Ceilings	Intact	NF	1,100 SF	<0.1% Chrysotile
F = Friable NF = Non-Friable						

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building R20-R23:

Homogeneous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Skim Coat	46B-47B	Janitors Office, Storage, and Classroom R20 Walls and Ceilings	Intact to Damaged 1%	F/NF	1,150 SF	<0.1% Chrysotile
F = Friable NF = Non-Friable						

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building R15-R17:

Homogeneous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Skim Coat	69B-70B	Classroom R17, Girls Bathroom, and PE Storage Walls and Ceilings	Intact	NF	900 SF	<0.1% Chrysotile
F = Friable NF = Non-Friable						

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building R8-R10:

Homogeneous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Plaster	124A-125A	Speech, Office, and Classroom R10 Walls and Ceilings	Intact	NF	850 SF	<0.1% Chrysotile
F = Friable NF = Non-Friable						

EPA Point Count method has identified the building material to be less than one tenth of a percent asbestos in Building R1-R3:

Homogeneous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
Skim Coat	193B	Classroom K1, Teacher's Office, Storage, and HVAC Closet Walls and Ceilings	Intact	NF	850 SF	<0.1% Chrysotile
Plaster	194A-195A	Classroom K1, Teacher's Office, Storage, and HVAC Closet Walls and Ceilings	Intact	NF	850 SF	<0.1% Chrysotile
F = Friable NF = Non-Friable						

Summary of Negative Results

The following materials **were not** identified as asbestos-containing materials in Building R21-R23:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tile	1-5	Classrooms R21, R22, & R23 Ceilings	Intact	NF	2,700 SF	None Detected
Drywall	6A-8A	Classroom R21, R22, and Boys Restroom Walls and Ceilings	Intact	NF	900 SF	None Detected
Joint Compound	6B-8B	Classroom R21, R22, and Boys Restroom Walls and Ceilings	Intact	NF	900 SF	None Detected
Plaster	9A-11A	Classroom R23, Boys Restroom, and Storage Room Walls and Ceilings	Intact	NF	1,100 SF	None Detected
Button Board	9B-11B	Classroom R23, Boys Restroom, and Storage Room Walls and Ceilings	Intact	NF	1,100 SF	None Detected
6" Black Cove Base	12A-14A	Classroom R21 and R23 Walls	Intact	NF	40 SF	None Detected
Adhesive	12B-14B	Classroom R21 and R23 Walls	Intact	NF	40 SF	None Detected
6" Blue Cove Base	15A-17A	Classroom R22 Walls	Intact	NF	20 SF	None Detected
Adhesive	15B-17B	Classroom R22 Walls	Intact	NF	20 SF	None Detected
6" Green Cove Base	18A-20A	Storage Room Walls	Intact	NF	10 SF	None Detected
Adhesive	18B-20B	Storage Room Walls	Intact	NF	10 SF	None Detected
12" Green Vinyl Floor Tile	26A-28A	Classroom R22 Floor	Intact	NF	450 SF	None Detected
Black Mastic	26B-28B	Classroom R22 Floor	Intact	NF	450 SF	None Detected
Yellow Carpet Glue	29-31	Storage Room Floor Under Carpet	Intact	NF	150 SF	None Detected
Gray Scratch Coat	35B-37B	Exterior Overhang	Intact	NF	1,000 SF	None Detected
White Rolled Roof Core	339A-343A	Roof	Intact	NF	4,100 SF	None Detected

Roofing Material	339B-343B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	339C-343C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	344-346	Roof Penetrations and Skylight	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Building R18-R20:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	38-42	Classroom R18, R19, and R20 Ceilings	Intact	NF	2,700 SF	None Detected
6" Black Cove Base	43A-45A	Classroom R18, R19, and R20 Walls	Intact	NF	60 SF	None Detected
Adhesive	43B-45B	Classroom R18, R19, and R20 Walls	Intact	NF	60 SF	None Detected
Plaster	46A-48A	Janitor's Office, Storage, and Classroom R20 Walls	Intact to Damaged 1%	F/NF	1,150 SF	None Detected
Skim Coat	48B	N/A	Intact to Damaged 1%	F/NF	N/A	None Detected
Button Board	46C-48C	Janitor's Office, Storage, and Classroom R20 Walls	Intact to Damaged 1%	F/NF	1,150 SF	None Detected
Gray Scratch Coat	57B-59B	Exterior Overhang	Intact	NF	1,000 SF	None Detected
White Rolled Roof Core	331A-335A	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	331B-335B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	331C-335C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	336-338	Roof Penetrations and Skylight	Intact	NF	20 SF	None Detected

F = Friable
NF = Non-Friable

The following materials **were not** identified as asbestos-containing materials in Building R15-R17:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	60-64	Classroom R17, R16, and R15 Ceilings	Intact	NF	2,700 SF	None Detected
Drywall	65A-67A	Classroom R17 and Girl's Restroom Walls and Ceiling	Intact	NF	600 SF	None Detected
Joint Compound	65B-67B	Classroom R17 and Girl's Restroom Walls and Ceiling	Intact	NF	600 SF	None Detected
Plaster	68A-70A	Classroom R17, Girl's Bathroom, and PE Storage Walls and Ceilings	Intact	NF	900 SF	None Detected
Skim Coat	68B	N/A	Intact	NF	N/A	None Detected
Button Board	68C-70C	Classroom R17, Girl's Bathroom, and PE Storage Walls and Ceilings	Intact	NF	900 SF	None Detected
6" Green Cove Base	74A-76A	Classroom R17 Walls	Intact	NF	20 SF	None Detected
Adhesive	74B-76B	Classroom R17 Walls	Intact	NF	20 SF	None Detected
6" Black Cove Base	77A-79A	Classroom R16 and R15 Walls	Intact	NF	40 SF	None Detected
Adhesive	77B-79B	Classroom R16 and R15 Walls	Intact	NF	40 SF	None Detected
Brown Wood Pattern Laminate	80A-84A	Classroom R16 and R15 Floors	Intact	NF	1,800 SF	None Detected
Gray Window Putty	85-87	Exterior Windows	Intact	NF	110 SF	None Detected
Gray Scratch Coat	88B-90B	Exterior Overhang	Intact	NF	1,000 SF	None Detected
White Rolled Roof Core	323A-327A	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	323B-327B	Roof	Intact	NF	4,100 SF	None Detected

Roofing Material	323C-327C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	328-330	Roof Penetrations	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Building R11-R14:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	91-95	Staff Loung, Classroom R12, R13, and R14 Ceilings	Intact	NF	3,600 SF	None Detected
Brown Wood Pattern Laminate	96A-98A	Staff Lounge Floor	Intact	NF	900 SF	None Detected
Yellow/Black Mastic	96B-98B	Staff Lounge Floor	Intact	NF	900 SF	None Detected
6" Black Cove Base	99A-101A	Classroom R12, R13, and R14 Walls	Intact	NF	60 SF	None Detected
Adhesive	99B-101B	Classroom R12, R13, and R14 Walls	Intact	NF	60 SF	None Detected
Yellow Carpet Glue	102-104	Classroom R12 Floor Under Carpet	Intact	NF	900 SF	None Detected
Black/Green/Yellow Flooring Mastic	105-109	Classroom R13 and R14 Floors Under Carpet	Intact	NF	900 SF	None Detected
Drywall	110A-112A	Staff Lounge Walls	Intact	NF	800 SF	None Detected
Joint Compound	110B-112B	Staff Lounge Walls	Intact	NF	800 SF	None Detected
Gray Scratch Coat	113B-115B	Exterior Overhang	Intact	NF	1,000 SF	None Detected
White Rolled Roof Core	312A-316A	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	312B-316B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	312C-316C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	317-319	Roof Penetrations	Intact	NF	20 SF	None Detected

F = Friable
NF = Non-Friable

The following materials **were not** identified as asbestos-containing materials in Building R8-R10:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	116-120	Speech and Classroom R8, R9, and R10 Ceilings	Intact	NF	3,690 SF	None Detected
Skim Coat	121-123	Classroom R9 and R10 Walls	Intact	NF	600 SF	None Detected
Plaster	126A	N/A	Intact	NF	N/A	None Detected
Button Board	124B-126B	Speech, Office, and Classroom R10 Walls	Intact	NF	850 SF	None Detected
Drywall	127A-129A	Boy's Restroom Ceiling	Intact	NF	300 SF	None Detected
Joint Compound	127B-129B	Boy's Restroom Ceiling	Intact	NF	300 SF	None Detected
6" Green Cove Base	130A-132A	Speech and Office Walls	Intact	NF	23 SF	None Detected
Adhesive	130B-132B	Speech and Office Walls	Intact	NF	23 SF	None Detected
6" Black Cove Base	133A-135A	Classroom R8, R9, and R10 Walls	Intact	NF	60 SF	None Detected
Adhesive	133B-135B	Classroom R8, R9, and R10 Walls	Intact	NF	60 SF	None Detected
Green Carpet Glue	136-138	Office Floor Under Carpet	Intact	NF	150 SF	None Detected
Yellow Carpet Glue	139-141	Classroom R9 Floor Under Carpet	Intact	NF	900 SF	None Detected
Brown Wood Pattern Laminate	147A-149A	Classroom R10 Floor	Intact	NF	450 SF	None Detected
White Rolled Roof Core	304A-308A	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	304B-308B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	304C-308C	Roof	Intact	NF	4,100 SF	None Detected

White/Black Roof Penetration Mastic	309- 311	Roof Penetrations	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Building R4-R6:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	153- 157	Classroom R4, R5, and R6 Ceilings	Intact	NF	2,700 SF	None Detected
Plaster	158A- 162A	Classroom R6 and R4, Office, Boiler Room, and Storage Walls	Intact	NF	2,250 SF	None Detected
Skim Coat	159B- 162B	Classroom R6 and R4, Office, Boiler Room, and Storage Walls	Intact	NF	2,250 SF	None Detected
Button Board	158B, 159C- 162C	Classroom R6 and R4, Office, Boiler Room, and Storage Walls	Intact	NF	2,250 SF	None Detected
6" Green Cove Base	163A- 165A	Office Walls	Intact	NF	8 SF	None Detected
Adhesive	163B- 165B	Office Walls	Intact	NF	8 SF	None Detected
Green Carpet Glue	166- 168	Classroom R4 and Office Floors Under Carpet	Intact	NF	1,000 SF	None Detected
6" Black Cove Base	169A- 171A	Classroom R4, R5, and R6 Walls	Intact	NF	60 SF	None Detected
Adhesive	169B- 171B	Classroom R4, R5, and R6 Walls	Intact	NF	60 SF	None Detected
Drywall	172A- 174A	Boy's Restroom Ceiling	Intact	NF	300 SF	None Detected
Joint Compound	172B- 174B	Boy's Restroom Ceiling	Intact	NF	300 SF	None Detected
Tan Stucco	183A- 185A	Exterior Overhang	Intact	NF	1,000 SF	None Detected
Gray Scratch Coat	183B- 185B	Exterior Overhang	Intact	NF	1,000 SF	None Detected
White Rolled Roof Core	296A- 300A	Roof	Intact	NF	4,100 SF	None Detected

Roofing Material	296B-300B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	296C-300C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	301-303	Roof Penetrations	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Building R1-R3:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	186-188	Classroom 3, K2, and K1 Ceilings	Intact	NF	2,700 SF	None Detected
Plaster	191A-193A	N/A	Intact	NF	N/A	None Detected
Skim Coat	191B-192B, 194B-195B	N/A	Intact	NF	N/A	None Detected
Button Board	191C-195C	Classroom K1, Teacher's Office, Storage, and HVAC Closet Walls and Ceilings	Intact	NF	1,520 SF	None Detected
6" Black Cove Base	201A-203A	Classroom 3, K2, and K1 Walls	Intact	NF	60 SF	None Detected
Adhesive	201B-203B	Classroom 3, K2, and K1 Walls	Intact	NF	60 SF	None Detected
Brown Wood Patterned Laminate	204A-206A	Classroom K2, K1, and Teacher's Office Floors	Intact	NF	1,100 SF	None Detected
Black/Yellow Mastic	204B-206B	Classroom K2, K1, and Teacher's Office Floors	Intact	NF	1,100 SF	None Detected
Gray Window Putty	207-209	Exterior Windows	Intact	NF	150 SF	None Detected
Tan Stucco	210A-212A	Exterior Overhang	Intact	NF	1,000 SF	None Detected
Gray Scratch Coat	210B-212B	Exterior Overhang	Intact	NF	1,000 SF	None Detected

White Rolled Roof Core	288A-292A	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	288B-292B	Roof	Intact	NF	4,100 SF	None Detected
Roofing Material	288C-292C	Roof	Intact	NF	4,100 SF	None Detected
White/Black Roof Penetration Mastic	293-295	Roof Penetrations	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Admin Building:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
1'x1' Buttonhole Ceiling Tiles	213-215	Mailroom, Nurse's Office, and Principal's Office Ceilings	Intact	NF	600 SF	None Detected
1'x1' Textured Ceiling Tiles	216-218	Reception Ceiling	Intact	NF	600 SF	None Detected
Drywall	219A-221A	Reception, HVAC Closet, and Nurse's Office Walls	Intact	NF	530 SF	None Detected
Joint Compound	219B-221B	Reception, HVAC Closet, and Nurse's Office Walls	Intact	NF	530 SF	None Detected
Plaster	222A-226A	Reception, Janitor's Closet, Principal's Office, Reception, and Nurse's Office Walls	Intact	NF	1,970 SF	None Detected
Skim Coat	226B	N/A	Intact	NF	N/A	None Detected
Button Board	222C-226C	Reception, Janitor's Closet, Principal's Office, Reception, and Nurse's Office Walls	Intact	NF	1,970 SF	None Detected
6" Black Cove Base	227A-229A	Principal's Office, Mail Room, and Reception Walls	Intact	NF	31 SF	None Detected
Adhesive	227B-229B	Principal's Office, Mail Room, and Reception Walls	Intact	NF	31 SF	None Detected
Brown Wood Pattern Laminate	230A-232A	Principal's Office, Nurse's Office, and Mail Room Floors	Intact	NF	575 SF	None Detected

Gray Scratch Coat	236B-238B	Exterior Overhang	Intact	NF	800 SF	None Detected
White Rolled Roof Core	282A-284A	Roof	Intact	NF	1,650 SF	None Detected
Roofing Material	282B-284B	Roof	Intact	NF	1,650 SF	None Detected
Roofing Material	282C-284C	Roof	Intact	NF	1,650 SF	None Detected
White/Black Roof Penetration Mastic	285-287	Roof Penetrations	Intact	NF	20 SF	None Detected
F = Friable NF = Non-Friable						

The following materials **were not** identified as asbestos-containing materials in Covered Walkway:

Homogenous Material	Sample Number	Material Location	Material Condition	(F/NF)	Approximate Quantity	Percent & Type of Asbestos
White Rolled Roof Core	275A-281A	Roof	Intact	NF	6,750 SF	None Detected
Roofing Material	275B-281B	Roof	Intact	NF	6,750 SF	None Detected
Roofing Material	275C-281C	Roof	Intact	NF	6,750 SF	None Detected
White/Black Roof Penetration Mastic	320-322	Roof Penetrations	Intact	NF	6 SF	None Detected
F = Friable NF = Non-Friable						

Property Description

The subject property is a school structure. The subject buildings are single-story brick frame buildings set on a cement slab foundation. At the time of this inspection, the identified asbestos-containing materials and asbestos-containing construction materials were in intact to damaged condition. Additionally, Patriot observed no obvious fire or structural damage to the structure.

Scope of Work

On August 16, 17, 18, & 21, 2023, Mr. Mitchell Martinez (CSST 13-5045) of Patriot conducted a limited asbestos inspection working under the direction of Ms. Johana Quintana Hernandez CAC (19-6487). The interior and exterior of the specified buildings were visually inspected for the purpose of identifying the specified suspect asbestos-containing materials listed in the summary tables above. Once the inventory of suspect materials was created, physical bulk samples were collected of the materials from representative locations. Samples were collected in airtight containers. Upon collection, sample numbers, descriptions, and collection locations were entered onto a chain of custody for transportation via a Patriot employed courier (Henry Angel and Aaron Rodriguez) to Patriot's NVLAP accredited laboratory.

Sample Protocol/Analysis

Samples were collected in accordance with the Asbestos Hazard Emergency Response Act (40 CFR 763 Subpart E) as mandated by Cal/OSHA (Title 8 Section 1529) and South Coast Air Quality Management District (Rule 1403).

Physical bulk samples were analyzed by Patriot Lab located at 1041 S. Placentia Avenue Fullerton, CA 92831; office number 714-607-5227. Patriot Lab is accredited by the National Voluntary Laboratory Accreditation Program (200358-0). The method of analysis was Polarized Light Microscopy (EPA 600/M4-82-020) and EPA Point Count method using 1000 points to meet the Cal OSHA Detection Limit of 0.1%.

Recommendations

If any of the asbestos-containing materials and/or asbestos-containing construction materials identified in this report are scheduled to be impacted by renovation or demolition activities, an asbestos abatement contractor must remove them prior to disturbance. Asbestos abatement contractors must be registered with the Division of Occupational Safety and Health. Based upon the disturbance to the ACM identified in this report and in accordance with South Coast Air Quality Management District Rule 1403 requires a Procedure 5 cleanup plan. Patriot recommends isolating the affected areas with proper asbestos barrier tape and signage. Access to the building or affected areas should be limited to authorized contractors and restrict full access to non-authorized contractors/visitors.

Disclaimer

Limited destructive sampling was conducted at the subject property. If additional suspect materials are discovered during renovation or demolition activities, all work should cease until a Certified Asbestos Consultant is contracted to determine the asbestos content of the building materials. This inspection was performed in accordance with current regulations and state of the art practices. The inventory of asbestos-containing materials and determination of their condition are based upon observations at the time of inspection. Patriot does not assume responsibility for future regulatory changes or changes in the condition of the building or materials.

Please contact our office if there are any questions regarding this inspection.

Sincerely,

Patriot Environmental Laboratory Services, Inc.



Johana Quintana-Hernandez

Certified Asbestos Consultant No. 19-6487

Enclosure: Laboratory Results
Sample Location Diagram
Certifications



Certificate of Analysis
PLM Asbestos Identification

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 987961 Revision 2
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/16/2023
Date Received: 8/17/2023
Date Analyzed: 8/17/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-001 01	(Building R21-R23) Classroom 1221 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-002 02	(Building R21-R23) Classroom 1221 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-003 03	(Building R21-R23) Classroom 1222 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-004 04	(Building R21-R23) Classroom 1223 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-005 05	(Building R21-R23) Classroom 1223 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-006A 06	(Building R21-R23) Classroom 1221 Wall	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
987961-006B 06	(Building R21-R23) Classroom 1221 Wall	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-007A 07	(Building R21-R23) Classroom 1222 Wall	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
987961-007B 07	(Building R21-R23) Classroom 1222 Wall	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-008A 08	(Building R21-R23) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			

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 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-008B 08	(Building R21-R23) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-009A 09	(Building R21-R23) Classroom 1223 Wall	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-009B 09	(Building R21-R23) Classroom 1223 Wall	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
987961-010A 10	(Building R21-R23) Boys Bathroom Wall	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-010B 10	(Building R21-R23) Boys Bathroom Wall	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-010C 10	(Building R21-R23) Boys Bathroom Wall	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-011A 11	(Building R21-R23) Storage Room Ceiling	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-011B 11	(Building R21-R23) Storage Room Ceiling	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-011C 11	(Building R21-R23) Storage Room Ceiling	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
987961-012A 12	(Building R21-R23) Classroom 1221 Wall	6" Covebase	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-012B 12	(Building R21-R23) Classroom 1221 Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-013A 13	(Building R21-R23) Classroom 1223 Wall	6" Covebase	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-013B 13	(Building R21-R23) Classroom 1223 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-014A 14	(Building R21-R23) Classroom 1223 Wall	6" Covebase	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-014B 14	(Building R21-R23) Classroom 1223 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-015A 15	(Building R21-R23) Classroom 1222 Wall	6" Covebase	Blue	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-015B 15	(Building R21-R23) Classroom 1222 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-016A 16	(Building R21-R23) Classroom 1222 Wall	6" Covebase	Blue	100% Non-Fibrous Material
Total Asbestos	None Detected			

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PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-016B 16	(Building R21-R23) Classroom 1222 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-017A 17	(Building R21-R23) Classroom 1222 Wall	6" Covebase	Blue	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-017B 17	(Building R21-R23) Classroom 1222 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-018A 18	(Building R21-R23) Storage Room Wall	6" Covebase	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-018B 18	(Building R21-R23) Storage Room Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-019A 19	(Building R21-R23) Storage Room Wall	6" Covebase	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-019B 19	(Building R21-R23) Storage Room Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-020A 20	(Building R21-R23) Storage Room Wall	6" Covebase	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-020B 20	(Building R21-R23) Storage Room Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-021 21	(Building R21-R23) Classroom 1221 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-022 22	(Building R21-R23) Classroom 1222 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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Collected By: Mitchell Martinez
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PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-023 23	(Building R21-R23) Classroom 1222 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-024 24	(Building R21-R23) Classroom 1223 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-025 25	(Building R21-R23) Classroom 1223 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-026A 26	(Building R21-R23) Classroom 1222 Floor	12" Vinyl Floor Tile	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-026B 26	(Building R21-R23) Classroom 1222 Floor	Mastic	Black / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-027A 27	(Building R21-R23) Classroom 1222 Floor	12" Vinyl Floor Tile	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-027B 27	(Building R21-R23) Classroom 1222 Floor	Mastic	Black / Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-028A 28	(Building R21-R23) Classroom 1222 Floor	12" Vinyl Floor Tile	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-028B 28	(Building R21-R23) Classroom 1222 Floor	Mastic	Black / Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-029 29	(Building R21-R23) Storage Room Floor Under Carpet	Carpet Glue	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-030 30	(Building R21-R23) Storage Room Floor Under Carpet	Carpet Glue	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-031 31	(Building R21-R23) Storage Room Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-032 32	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-033 33	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-034 34	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-035A 35	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			

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Collected By: Mitchell Martinez
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 PO Number:
 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-035B 35	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-036A 36	((Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-036B 36	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-037A 37	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-037B 37	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-038 38	(Building R21-R23) Classroom 1218 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-039 39	(Building R21-R23) Classroom 1219 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-040 40	(Building R21-R23) Classroom 1219 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-041 41	(Building R21-R23) Classroom 1220 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-042 42	(Building R21-R23) Classroom 1220 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-043A 43	(Building R21-R23) Classroom 1218	6" Covebase	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-043B 43	(Building R21-R23) Classroom 1218	Adhesive	Cream	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PATRIOT LAB

Westminster School District
 Brian Johnson
 14121 Cedarwood Avenue
 Westminster, CA 92683

Report Number: 987961 Revision 2
 Project Number: OC164900
 Project Name: Finley Elementary School
 Project Location: 13521 Edwards Street
 Westminster, 92683

Date Collected: 8/16/2023
 Date Received: 8/17/2023
 Date Analyzed: 8/17/2023
 Date Reported: 9/6/2023

Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-044A 44	(Building R21-R23) Classroom 1219	6" Covebase	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-044B 44	(Building R21-R23) Classroom 1219	Adhesive	Cream	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-045A 45	(Building R21-R23) Classroom 1220	6" Covebase	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-045B 45	(Building R21-R23) Classroom 1220	Adhesive	Cream	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-046A 46	(Building R21-R23) Janitor's Office Walls	Plaster	Beige	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-046B 46	(Building R21-R23) Janitor's Office Walls	Skim Coat	White	100% Non-Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			

Certificate of Analysis
PLM Asbestos Identification

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 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-046C 46	(Building R21-R23) Janitor's Office Walls	Button Board	White	90% Non-Fibrous Material 10% Cellulose
Total Asbestos	None Detected			
987961-047A 47	(Building R21-R23) Storage Walls	Plaster	Beige	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-047B 47	(Building R21-R23) Storage Walls	Skim Coat	White	100% Non-Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			
987961-047C 47	(Building R21-R23) Storage Walls	Button Board	White	90% Non-Fibrous Material 10% Cellulose
Total Asbestos	None Detected			
987961-048A 48	(Building R21-R23) Classroom #1220 Walls	Plaster	Beige	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-048B 48	(Building R21-R23) Classroom #1220 Walls	Skim Coat	White	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-048C 48	(Building R21-R23) Classroom #1220 Walls	Button Board	White	90% Non- Fibrous Material 10% Cellulose
Total Asbestos	None Detected			
987961-049 49	(Building R21-R23) Classroom 1218 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-050 50	(Building R21-R23) Classroom 1218 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-051 51	(Building R21-R23) Classroom 1219 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-052 52	(Building R21-R23) Classroom 1220 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-053 53	(Building R21-R23) Classroom 1220 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-054 54	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-055 55	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-056 56	(Building R21-R23) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
987961-057A 57	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-057B 57	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-058A 58	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-058B 58	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-059A 59	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
987961-059B 59	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-060 60	(Building R21-R23) Classroom 1217 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non-Fibrous Material
Total Asbestos	None Detected			

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Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-061 61	(Building R21-R23) Classroom 1217 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-062 62	(Building R21-R23) Classroom 1216 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-063 63	(Building R21-R23) Classroom 1215 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-064 64	(Building R21-R23) Classroom 1215 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	85% Cellulose 15% Non- Fibrous Material
Total Asbestos	None Detected			
987961-065A 65	(Building R21-R23) Classroom 1217 Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			

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Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-065B 65	(Building R21-R23) Classroom 1217 Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-066A 66	(Building R21-R23) Classroom 1217 Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
987961-066B 66	(Building R21-R23) Classroom 1217 Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-067A 67	(Building R21-R23) Girls Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
987961-067B 67	(Building R21-R23) Girls Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-068A 68	(Building R21-R23) Classroom 1217 Walls	Plaster	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-068B 68	(Building R21-R23) Classroom 1217 Walls	Skim Coat	White	100% Non- Fibrous Material

Total Asbestos **None Detected**

987961-068C 68	(Building R21-R23) Classroom 1217 Walls	Button Board	White	90% Non- Fibrous Material 10% Cellulose
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Total Asbestos **None Detected**

987961-069A 69	(Building R21-R23) Girls Bathroom Walls	Plaster	Beige	100% Non- Fibrous Material
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Total Asbestos **None Detected**

987961-069B 69	(Building R21-R23) Girls Bathroom Walls	Skim Coat	White	100% Non- Fibrous Material
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Chrysotile < 1 %
Total Asbestos **< 1%**

987961-069C 69	(Building R21-R23) Girls Bathroom Walls	Button Board	White	90% Non- Fibrous Material 10% Cellulose
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Total Asbestos **None Detected**

987961-070A 70	(Building R21-R23) PE Storage Walls	Plaster	Beige	100% Non- Fibrous Material
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Total Asbestos **None Detected**

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 PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-070B 70	(Building R21-R23) PE Storage Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			
987961-070C 70	(Building R21-R23) PE Storage Walls	Button Board	White	90% Non- Fibrous Material 10% Cellulose
Total Asbestos	None Detected			
987961-071 71	(Building R21-R23) Classroom 1217 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-072 72	(Building R21-R23) Classroom 1217 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
987961-073 73	(Building R21-R23) Classroom 1217 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-074A 74	(Building R21-R23) Classroom 1217 Wall	6" Cove Base	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-074B 74	(Building R21-R23) Classroom 1217 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-075A 75	(Building R21-R23) Classroom 1217 Wall	6" Cove Base	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-075B 75	(Building R21-R23) Classroom 1217 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-076A 76	(Building R21-R23) Classroom 1217 Wall	6" Cove Base	Green	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-076B 76	(Building R21-R23) Classroom 1217 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Claim Number: PO No: T6000763
PO Number:
Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-077A 77	(Building R21-R23) Classroom 1216 Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-077B 77	(Building R21-R23) Classroom 1216 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-078A 78	(Building R21-R23) Classroom 1216 Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-078B 78	(Building R21-R23) Classroom 1216 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-079A 79	(Building R21-R23) Classroom 1215 Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-079B 79	(Building R21-R23) Classroom 1215 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 148

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-080A 80	(Building R21-R23) Classroom 1216 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material

Total Asbestos **None Detected**

987961-080B 80	(Building R21-R23) Classroom 1216 Floor	Mastic	Black	95% Non- Fibrous Material
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Chrysotile 5 %
Total Asbestos **5 %**

987961-081A 81	(Building R21-R23) Classroom 1216 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
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Total Asbestos **None Detected**

987961-081B 81	(Building R21-R23) Classroom 1216 Floor	Mastic	Black	95% Non- Fibrous Material
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Chrysotile 5 %
Total Asbestos **5 %**

987961-082A 82	(Building R21-R23) Classroom 1215 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
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Total Asbestos **None Detected**

987961-082B 82	(Building R21-R23) Classroom 1215 Floor	Mastic	Black	95% Non- Fibrous Material
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Chrysotile 5 %
Total Asbestos **5 %**

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-083A 83	(Building R21-R23) Classroom 1215 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-083B 83	(Building R21-R23) Classroom 1215 Floor	Mastic	Black	95% Non- Fibrous Material
Chrysotile	5 %			
Total Asbestos	5 %			
987961-084A 84	(Building R21-R23) Classroom 1215 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-084B 84	(Building R21-R23) Classroom 1215 Floor	Mastic	Black	95% Non- Fibrous Material
Chrysotile	5 %			
Total Asbestos	5 %			
987961-085 85	(Building R21-R23) Exterior at Windows	Window Putty	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
987961-086 86	(Building R21-R23) Exterior at Windows	Window Putty	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-087 87	(Building R21-R23) Exterior at Windows	Window Putty	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-088A 88	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			
987961-088B 88	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-089A 89	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			
987961-089B 89	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
987961-090A 90	(Building R21-R23) Exterior, Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	< 1 %			
Total Asbestos	< 1%			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
987961-090B 90	(Building R21-R23) Exterior, Overhang	Scratch Coat	Gray	100% Non- Fibrous Material

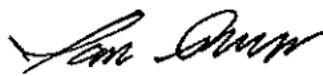
Total Asbestos **None Detected**

987961-010B Sample contained grey plaster, white button board, and white skim coat.
987961-011B Sample contained grey plaster, white button board, and white skim coat.
987961-046B Sample contained white skim coat, beige plaster and white button board
987961-047B Sample contained white skim coat, beige plaster and white button board
987961-048B Sample contained white skim coat, beige plaster and white button board
987961-068B Sample contained white skim coat, beige plaster and white button board
987961-069B Sample contained white skim coat, beige plaster and white button board
987961-070B Sample contained white skim coat, beige plaster and white button board

Note: This is an amended report issued on 9/6/23 and reissued the same-day. Sample locations for sample 1-90 have been updated.



Peter Mai - Analyst



Ian Reyes - Laboratory Director - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

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1041 S. Placentia Avenue, Fullerton, CA 92831



ASBESTOS FIELD BULK SAMPLE COC

Project Name: FINLEY ELEMENTARY SCHOOL				Project #: 0C164900			
Project Address: 13521 EDWARDS ST				City: WESTMINSTER		Zip: 92083	
Sample ID	Sample Location	Material Type	F	NF	Condition	Notes	
D1	(Bldg R21-R23) - CLASS Room Ceiling R21	1'x1' Buttonhole Ceiling tile	X		Intact	900¢	
02	- R21					↓	
03	- R22					900¢	
04	- R23					900¢	
05	- R23					↓	
06	- R21, Wall	DW/IZ		X	Intact	300¢	
07	- R22, Wall					300¢	
08	- Boys Bathroom, Ceiling					300¢	
09	- Classroom R23, Wall	PLASTER ON Buttonboard	X		Intact	350¢	
10	- Boys Bathroom, Wall					600¢	
11	- STORAGE Room, Ceiling					150¢	
12	- Classroom R21 Wall	6" BLUE COVERASE w/ ADHESIVE	X		Intact	20¢	
13	- R23					20¢	
14	- R23					↓	
15	- Classroom R22	6" BLUE COVERASE w/ ADHESIVE	X		Intact	20¢	
16						↓	

weg 8/16/23

Sampled/Relinquished-Print/Sign: <i>[Signature]</i>	Date: 8/16/23 Time: _____
Received/Relinquished-Print/Sign: <i>[Signature]</i>	Date: 8/16/23 Time: 4:41pm
Received-Print/Sign: KATHRYN MORALES KM	Date: 8/16/23 Time: 4:41

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Project #: 0C164900

ASBESTOS FIELD BULK SAMPLE COC

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
17	(Bldg N21) - Classroom N22 Wall	↓		X	INTACT	20¢
18	STORAGE ROOM	6" GREEN LAMINATE w/ ADHESIVE		X	INTACT	10¢
19	↓	↓				
20	↓	↓				
21	CLASS ROOM N21 - floor under carpet	BLACK/YELLOW FLOORING MASTIC		X	INTACT	900¢
22	N22	↓				450¢
23	N22	↓				↓
24	N23	↓				900¢
25	N23	↓				↓
26	N22 - floor	12" GREEN VFT w/ BLACK MASTIC		X	INTACT	450¢
27	N22	↓				↓
28	N22	↓				↓
29	STORAGE ROOM - floor under carpet	YELLOW CARPET GLUE		X	INTACT	150¢
30	↓	↓				
31	↓	↓				
32	EXTERIOR @ Windows	GRAY WINDOW PUTTY		X	INTACT	120¢
33	↓	↓				
34	↓	↓				
35	EXTERIOR, OVERHANG	TAN STUCCO w/ GRAY SCRATCHCOAT		X	INTACT	1000¢
36	↓	↓				

Sampled/Relinquished-Print/Sign:

Date: 8/16/23 Time:

Received/Relinquished-Print/Sign:

Date: 8/16/23 Time: 4:41 PM

Received-Print/Sign:

Kathryn Medina KM

Date: 8/16/23 Time: 4:41

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Project #: 0C104900

ASBESTOS FIELD BULK SAMPLE COC

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
37	(BLDG R21) - Exterior, Overhang R23	↓		X	INTACT	1000¢
38	(BLDG R18) - Classroom R20 - Ceiling	1'x1' B. Han hole Ceiling tile	X		INTACT	900¢
39	- R19 -	↓	↓	↓	↓	900¢
40	- R19 -	↓	↓	↓	↓	↓
41	- R20 -	↓	↓	↓	↓	900¢
42	- R20 -	↓	↓	↓	↓	↓
43	CLASS ROOM R18 Wall	6" BLACK LAMINATE w/ADHESIVE		X	INTACT	20¢
44	- R19	↓	↓	↓	↓	20¢
45	- R20	↓	↓	↓	↓	20¢
46	JANITOR'S OFFICE - Wall	PLASTER ON Gypsum board		X	INTACT	350¢
47	STORAGE	↓	X	☒	DMG	4¢ or 500¢
48	CLASSROOM # R20 floor under	↓		X	INTACT	300¢
49	- CLASS ROOM R18 carpet	BLACK/YELLOW FLOORING MASTIC		X	INTACT	900¢
50	- R18 -	↓	↓	↓	↓	↓
51	- R19 -	↓	↓	↓	↓	900¢
52	- R20 -	↓	↓	↓	↓	900¢
53	- R20 -	↓	↓	↓	↓	↓
54	- EXTERIOR Windows	GRAY window putty		X	INTACT	120¢
55	-	↓	↓	↓	↓	↓
56	-	↓	↓	↓	↓	↓

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[Signature]
[Signature]

Date: 8/16/23 Time:

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Date: 8/16/23 Time: 4:41

Received-Print/Sign:

Kathryn Medina KM

Date: 8/16/23 Time: 4:41

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10415 Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
57	(Block R18-120) Ext. overhang	TAN STUCCO w/ heavy Scratchcoat		X	Intact	1000¢
58	↓	↓		↓	↓	↓
59	↓	↓		↓	↓	↓
60	(Block R17-117) CLASS Room R17, Ce. 7' on	1" x 1" Buttonhole Ceiling tile	X		Intact	900¢
61	↓	↓	↓	↓	↓	↓
62	↓	↓	↓	↓	↓	↓
63	↓	↓	↓	↓	↓	↓
64	↓	↓	↓	↓	↓	↓
65	CLASS Room R17, Wall	DW 152		X	Intact	300¢
66	↓	↓		↓	↓	↓
67	Girls Bathroom Ceiling	↓		↓	↓	300¢
68	CLASS Room R17, Wall	PLASTER ON Buttonboard	X		Intact	300¢
69	Girls Bathroom	↓		↓	↓	350¢
70	PE STORAGE floor	↓		↓	↓	250¢
71	CLASS Room under R17, Carpet	Blue/Green/Yellow Flooring Mortar	X		Intact	900¢
72	↓	↓		↓	↓	↓
73	↓	↓		↓	↓	↓
74	↓	6" Green Gypsum w/ Adhesive	X		Intact	20¢
75	↓	↓		↓	↓	↓
76	↓	↓		↓	↓	↓

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Date: **8/16/23** Time:

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Date: **8/16/23** Time: **4:41P**

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Date: **8.16.23** Time: **441**Page **9** of **9**

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10415 Placentia Avenue, Fullerton, CA 92831

Project #: **06164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
77	(Block R15 - CLASS R17) - Room R16 Wall	6" BLACK COVEBASE w/Adhesive		x	Intact	20¢
78	↓ - R16	↓		↓	↓	↓
79	↓ - R15	↓		↓	↓	20¢
80	CLASS - Room R16 Floor	BROWN WOOD PATTERN LAMINATE w/BLOCK MATERIAL		x	Intact	900¢
81	↓ - R15	↓		↓	↓	↓
82	↓ - R15	↓		↓	↓	900¢
83	↓ - R15	↓		↓	↓	↓
84	↓ - R15	↓		↓	↓	↓
85	↓ - Exterior, e Windows	GRAY Window Putty		x	Intact	110¢
86	↓	↓		↓	↓	↓
87	↓	↓		↓	↓	↓
88	↓ - Exterior, overhang	TAN STUCCO w/ GRAY Scaffolding		x	Intact	1000¢
89	↓	↓		↓	↓	↓
90	↓	↓		↓	↓	↓

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Date: **8/16/23** Time: **1:41p**

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Date: **8.16.23** Time: **4:41**Page **5** of **5**

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988636 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/17/2023
Date Received: 8/22/2023
Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-001 91	(Building R11-R14) Staff Lounge Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-002 92	(Building R11-R14) Classroom R12 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-003 93	(Building R11-R14) Classroom R13 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-004 94	(Building R11-R14) Classroom R13 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-005 95	(Building R11-R14) Classroom R14 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-006A 96	(Building R11-R14) Staff Lounge Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-006B 96	(Building R11-R14) Staff Lounge Floor	Mastic	Yellow / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-007A 97	(Building R11-R14) Staff Lounge Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-007B 97	(Building R11-R14) Staff Lounge Floor	Mastic	Yellow / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-008A 98	(Building R11-R14) Staff Lounge Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-008B 98	(Building R11-R14) Staff Lounge Floor	Mastic	Yellow / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-009A 99	(Building R11-R14) Classroom R12 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-009B 99	(Building R11-R14) Classroom R12 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-010A 100	(Building R11-R14) Classroom R13 Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-010B 100	(Building R11-R14) Classroom R13 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-011A 101	(Building R11-R14) Classroom R14 Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-011B 101	(Building R11-R14) Classroom R14 Wall	Adhesive	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-012 102	(Building R11-R14) Classroom R12 Floor Under Carpet	Carpet Glue	Yellow	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-013 103	(Building R11-R14) Classroom R12 Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-014 104	(Building R11-R14) Classroom R12 Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-015 105	(Building R11-R14) Classroom R13 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-016 106	(Building R11-R14) Classroom R13 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-017 107	(Building R11-R14) Classroom R13 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-018 108	(Building R11-R14) Classroom R14 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-019 109	(Building R11-R14) Classroom R14 Floor Under Carpet	Flooring Mastic	Black / Green / Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-020A 110	(Building R11-R14) Staff Lounge Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
988636-020B 110	(Building R11-R14) Staff Lounge Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-021A 111	(Building R11-R14) Staff Lounge Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			

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Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-021B 111	(Building R11-R14) Staff Lounge Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-022A 112	(Building R11-R14) Staff Lounge Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
988636-022B 112	(Building R11-R14) Staff Lounge Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-023A 113	(Building R11-R14) Exterior Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile Total Asbestos	<1 % < 1%			
988636-023B 113	(Building R11-R14) Exterior Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-024A 114	(Building R11-R14) Exterior Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-024B 114	(Building R11-R14) Exterior Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-025A 115	(Building R11-R14) Exterior Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-025B 115	(Building R11-R14) Exterior Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-026 116	(Building R8-R10) Speech Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			

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Date Collected: 8/17/2023
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Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-027 117	(Building R8-R10) Classroom R8 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-028 118	(Building R8-R10) Classroom R8 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-029 119	(Building R8-R10) Classroom R9 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-030 120	(Building R8-R10) Classroom R10 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-031 121	(Building R8-R10) Classroom R9 Walls	Skim Coat on Wood	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-032 122	(Building R8-R10) Classroom R9 Walls	Skim Coat on Wood	White	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Westminster, CA 92683

Report Number: 988636 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/17/2023
Date Received: 8/22/2023
Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-033 123	(Building R8-R10) Classroom R10 Walls	Skim Coat on Wood	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-034A 124	(Building R8-R10) Speech Walls	Plaster	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-034B 124	(Building R8-R10) Speech Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-035A 125	(Building R8-R10) Office Walls	Plaster	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-035B 125	(Building R8-R10) Office Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

Certificate of Analysis
PLM Asbestos Identification

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988636 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/17/2023
Date Received: 8/22/2023
Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-036A 126	(Building R8-R10) Classroom R10 Walls	Plaster	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-036B 126	(Building R8-R10) Classroom R10 Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-037A 127	(Building R8-R10) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-037B 127	(Building R8-R10) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-038A 128	(Building R8-R10) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-038B 128	(Building R8-R10) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-039A 129	(Building R8-R10) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-039B 129	(Building R8-R10) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-040A 130	(Building R8-R10) Speech Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-040B 130	(Building R8-R10) Speech Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-041A 131	(Building R8-R10) Speech Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-041B 131	(Building R8-R10) Speech Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-042A 132	(Building R8-R10) Office Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-042B 132	(Building R8-R10) Office Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-043A 133	(Building R8-R10) Classroom R8 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-043B 133	(Building R8-R10) Classroom R8 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-044A 134	(Building R8-R10) Classroom R9 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-044B 134	(Building R8-R10) Classroom R9 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
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Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-045A 135	(Building R8-R10) Classroom R10 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-045B 135	(Building R8-R10) Classroom R10 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-046 136	(Building R8-R10) Office Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-047 137	(Building R8-R10) Office Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-048 138	(Building R8-R10) Office Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-049 139	(Building R8-R10) Classroom R9 Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-050 140	(Building R8-R10) Classroom R9 Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material

Total Asbestos **None Detected**

988636-051 141	(Building R8-R10) Classroom R9 Floor Under Carpet	Carpet Glue	Yellow	100% Non- Fibrous Material
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Total Asbestos **None Detected**

988636-052 142	(Building R8-R10) Classroom R8 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
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Chrysotile 3 %

Total Asbestos **3 %**

988636-053 143	(Building R8-R10) Classroom R8 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
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Chrysotile 3 %

Total Asbestos **3 %**

988636-054 144	(Building R8-R10) Classroom R10 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
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Chrysotile 3 %

Total Asbestos **3 %**

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-055 145	(Building R8-R10) Classroom R10 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-056 146	(Building R8-R10) Speech Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-057A 147	(Building R8-R10) Classroom R10 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-057B 147	(Building R8-R10) Classroom R10 Floor	Mastic	Black	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-058A 148	(Building R8-R10) Classroom R10 Floor	Wood Pattern Laminate	Brown	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-058B 148	(Building R8-R10) Classroom R10 Floor	Mastic	Black	97% Non-Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-059A 149	(Building R8-R10) Classroom R10 Floor	Wood Pattern Laminate	Brown	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-059B 149	(Building R8-R10) Classroom R10 Floor	Mastic	Black	97% Non-Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-060A 150	(Building R8-R10) Exterior Overhang	Stucco	Tan	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-060B 150	(Building R8-R10) Exterior Overhang	Scratch Coat	Gray	100% Non-Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			

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Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-061A 151	(Building R8-R10) Exterior Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-061B 151	(Building R8-R10) Exterior Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-062A 152	(Building R8-R10) Exterior Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-062B 152	(Building R8-R10) Exterior Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-063 153	(Building R4-R6) Classroom R4 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-064 154	(Building R4-R6) Classroom R4 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-065 155	(Building R4-R6) Classroom R5 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-066 156	(Building R4-R6) Classroom R5 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-067 157	(Building R4-R6) Classroom R6 Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-068A 158	(Building R4-R6) Classroom R6 Walls	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-068B 158	(Building R4-R6) Classroom R6 Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-069A 159	(Building R4-R6) Office Walls	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-069B 159	(Building R4-R6) Office Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-069C 159	(Building R4-R6) Office Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-070A 160	(Building R4-R6) Classroom R4 walls	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-070B 160	(Building R4-R6) Classroom R4 walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-070C 160	(Building R4-R6) Classroom R4 walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-071A 161	(Building R4-R6) Boiler Room Walls	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-071B 161	(Building R4-R6) Boiler Room Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-071C 161	(Building R4-R6) Boiler Room Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-072A 162	(Building R4-R6) Storage Walls	Plaster	Grey	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-072B 162	(Building R4-R6) Storage Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-072C 162	(Building R4-R6) Storage Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-073A 163	(Building R4-R6) Office Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-073B 163	(Building R4-R6) Office Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-074A 164	(Building R4-R6) Office Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-074B 164	(Building R4-R6) Office Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-075A 165	(Building R4-R6) Office Wall	6" Cove Base	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-075B 165	(Building R4-R6) Office Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Claim Number: PO No: T6000763
PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-076 166	(Building R4-R6) Classroom R4 Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-077 167	(Building R4-R6) Classroom R4 Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-078 168	(Building R4-R6) Office Floor Under Carpet	Carpet Glue	Green	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-079A 169	(Building R4-R6) Classroom R4 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-079B 169	(Building R4-R6) Classroom R4 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-080A 170	(Building R4-R6) Classroom R5 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-080B 170	(Building R4-R6) Classroom R5 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-081A 171	(Building R4-R6) Classroom R6 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-081B 171	(Building R4-R6) Classroom R6 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-082A 172	(Building R4-R6) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-082B 172	(Building R4-R6) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-083A 173	(Building R4-R6) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-083B 173	(Building R4-R6) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-084A 174	(Building R4-R6) Boys Bathroom Ceiling	Drywall	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-084B 174	(Building R4-R6) Boys Bathroom Ceiling	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-085 175	(Building R4-R6) Classroom R5 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-086 176	(Building R4-R6) Classroom R5 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988636 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/17/2023
Date Received: 8/22/2023
Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-087 177	(Building R4-R6) Classroom R6 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-088 178	(Building R4-R6) Classroom R6 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-089 179	(Building R4-R6) Classroom R6 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-090 180	(Building R4-R6) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
988636-091 181	(Building R4-R6) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-092 182	(Building R4-R6) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
988636-093A 183	(Building R4-R6) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-093B 183	(Building R4-R6) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-094A 184	(Building R4-R6) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-094B 184	(Building R4-R6) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-095A 185	(Building R4-R6) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PO Number:
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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-095B 185	(Building R4-R6) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-096 186	(Building R1-R3) Classroom 3 Ceiling	1'x1' Buttonhole Ceiling Tile		95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-097 187	(Building R1-R3) Classroom K2 Ceiling	1'x1' Buttonhole Ceiling Tile		95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-098 188	(Building R1-R3) Classroom K2 Ceiling	1'x1' Buttonhole Ceiling Tile		95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-099 189	(Building R1-R3) Classroom K1 Ceiling	1'x1' Buttonhole Ceiling Tile		95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-100 190	(Building R1-R3) Classroom K1 Ceiling	1'x1' Buttonhole Ceiling Tile		95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-101A 191	(Building R1-R3) Classroom K1 Ceiling	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-101B 191	(Building R1-R3) Classroom K1 Ceiling	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-101C 191	(Building R1-R3) Classroom K1 Ceiling	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-102A 192	(Building R1-R3) Teachers Office Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-102B 192	(Building R1-R3) Teachers Office Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-102C 192	(Building R1-R3) Teachers Office Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-103A 193	(Building R1-R3) Storage Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-103B 193	(Building R1-R3) Storage Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-103C 193	(Building R1-R3) Storage Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-104A 194	(Building R1-R3) HVAC Closet Walls	Plaster	Gray	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-104B 194	(Building R1-R3) HVAC Closet Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-104C 194	(Building R1-R3) HVAC Closet Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-105A 195	(Building R1-R3) HVAC Closet Walls	Plaster	Gray	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-105B 195	(Building R1-R3) HVAC Closet Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-105C 195	(Building R1-R3) HVAC Closet Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-106 196	(Building R1-R3) Classroom 3 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-107 197	(Building R1-R3) Classroom K2 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-108 198	(Building R1-R3) Classroom K2 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-109 199	(Building R1-R3) Classroom K1 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-110 200	(Building R1-R3) Classroom K1 Floor Under Carpet	Flooring Mastic	Black / Yellow	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-111A 201	(Building R1-R3) Classroom 3 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-111B 201	(Building R1-R3) Classroom 3 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-112A 202	(Building R1-R3) Classroom K2 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-112B 202	(Building R1-R3) Classroom K2 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-113A 203	(Building R1-R3) Classroom K1 Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-113B 203	(Building R1-R3) Classroom K1 Wall	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-114A 204	(Building R1-R3) Classroom K2 Floor	Wood Pattern Laminate	Brown / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-114B 204	(Building R1-R3) Classroom K2 Floor	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-115A 205	(Building R1-R3) Classroom K1 Floor	Wood Pattern Laminate	Brown / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-115B 205	(Building R1-R3) Classroom K1 Floor	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-116A 206	(Building R1-R3) Teachers Office Floor	Wood Pattern Laminate	Brown / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-116B 206	(Building R1-R3) Teachers Office Floor	Adhesive	Beige	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-117 207	(Building R1-R3) Exterior at Window	Window Putty	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-118 208	(Building R1-R3) Exterior at Window	Window Putty	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-119 209	(Building R1-R3) Exterior at Window	Window Putty	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-120A 210	(Building R1-R3) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-120B 210	(Building R1-R3) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-121A 211	(Building R1-R3) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-121B 211	(Building R1-R3) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-122A 212	(Building R1-R3) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-122B 212	(Building R1-R3) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-123 213	(Admin Building) Mailroom Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-124 214	(Admin Building) Nurse's Office Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			
988636-125 215	(Admin Building) Principal's Office Ceiling	1'x1' Buttonhole Ceiling Tiles	Brown / White	95% Cellulose 5% Non-Fibrous Material
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-126 216	(Admin Building) Reception Ceiling	1'x1' Textured Ceiling Tiles	White	40% Mineral Wool 50% Cellulose 10% Non- Fibrous Material

Total Asbestos **None Detected**

988636-127 217	(Admin Building) Reception Ceiling	1'x1' Textured Ceiling Tiles	White	40% Mineral Wool 50% Cellulose 10% Non- Fibrous Material
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Total Asbestos **None Detected**

988636-128 218	(Admin Building) Reception Ceiling	1'x1' Textured Ceiling Tiles	White	40% Mineral Wool 50% Cellulose 10% Non- Fibrous Material
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Total Asbestos **None Detected**

988636-129A 219	(Admin Building) Reception Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
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Total Asbestos **None Detected**

988636-129B 219	(Admin Building) Reception Walls	Joint Compound	White	100% Non- Fibrous Material
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Total Asbestos **None Detected**

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-130A 220	(Admin Building) HVAC Closet Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
988636-130B 220	(Admin Building) HVAC Closet Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-131A 221	(Admin Building) Nurse's Office Walls	Drywall	White	85% Non- Fibrous Material 8% Cellulose 7% Glass Fibers
Total Asbestos	None Detected			
988636-131B 221	(Admin Building) Nurse's Office Walls	Joint Compound	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-132A 222	(Admin Building) Reception Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-132B 222	(Admin Building) Reception Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-132C 222	(Admin Building) Reception Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-133A 223	(Admin Building) Janitor's Closet Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-133B 223	(Admin Building) Janitor's Closet Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-133C 223	(Admin Building) Janitor's Closet Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-134A 224	(Admin Building) Principal's Office Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-134B 224	(Admin Building) Principal's Office Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-134C 224	(Admin Building) Principal's Office Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-135A 225	(Admin Building) Reception Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-135B 225	(Admin Building) Reception Walls	Skim Coat	White	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-135C 225	(Admin Building) Reception Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-136A 226	(Admin Building) Nurse's Office Walls	Plaster	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-136B 226	(Admin Building) Nurse's Office Walls	Skim Coat	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-136C 226	(Admin Building) Nurse's Office Walls	Button Board	White	85% Non- Fibrous Material 15% Cellulose
Total Asbestos	None Detected			
988636-137A 227	(Admin Building) Principal's Office Wall	6" Cove Base	Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-137B 227	(Admin Building) Principal's Office Wall	Adhesive	Yellow	100% Non- Fibrous Material
Total Asbestos	None Detected			

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PATRIOT LAB

Westminster School District
 Brian Johnson
 14121 Cedarwood Avenue
 Westminster, CA 92683

Report Number: 988636 Revision
 Project Number: OC164900
 Project Name: Finley Elementary School
 Project Location: 13521 Edwards Street
 Westminster, 92683

Date Collected: 8/17/2023
 Date Received: 8/22/2023
 Date Analyzed: 8/22/2023
 Date Reported: 9/6/2023

Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-138A 228	(Admin Building) Mailroom Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-138B 228	(Admin Building) Mailroom Wall	Adhesive	Beige	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-139A 229	(Admin Building) Reception Wall	6" Cove Base	Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-139B 229	(Admin Building) Reception Wall	Adhesive	Beige	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-140A 230	(Admin Building) Principal's Office Floor	Wood Pattern Laminate	Brown Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988636-140B 230	(Admin Building) Principal's Office Floor	Mastic	Yellow / Black	97% Non-Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			

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Report Number: 988636 Revision
 Project Number: OC164900
 Project Name: Finley Elementary School
 Project Location: 13521 Edwards Street
 Westminster, 92683

Date Collected: 8/17/2023
 Date Received: 8/22/2023
 Date Analyzed: 8/22/2023
 Date Reported: 9/6/2023

Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-141A 231	(Admin Building) Nurse's Office Floor	Wood Pattern Laminate	Brown Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-141B 231	(Admin Building) Nurse's Office Floor	Mastic	Yellow / Black	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-142A 232	(Admin Building) Mailroom Floor	Wood Pattern Laminate	Brown / Black	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-142B 232	(Admin Building) Mailroom Floor	Mastic	Yellow / Black	97% Non- Fibrous Material
Chrysotile	3 %			
Total Asbestos	3 %			
988636-143 233	(Admin Building) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			

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Report Number: 988636 Revision
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Date Collected: 8/17/2023
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 Date Analyzed: 8/22/2023
 Date Reported: 9/6/2023

Collected By: Mitchell Martinez
 Claim Number: PO No: T6000763
 PO Number:
 Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-144 234	(Admin Building) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
988636-145 235	(Admin Building) Exterior at Windows	Window Putty	Gray	98% Non- Fibrous Material
Chrysotile	2 %			
Total Asbestos	2 %			
988636-146A 236	(Admin Building) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			
988636-146B 236	(Admin Building) Exterior at Overhang	Scratch Coat	Gray	100% Non- Fibrous Material
Total Asbestos	None Detected			
988636-147A 237	(Admin Building) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
Chrysotile	<1 %			
Total Asbestos	< 1%			

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Report Number: 988636 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/17/2023
Date Received: 8/22/2023
Date Analyzed: 8/22/2023
Date Reported: 9/6/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-147B 237	(Admin Building) Exterior at Overhang	Scratch Coat	Grey	100% Non- Fibrous Material

Total Asbestos **None Detected**

988636-148A 238	(Admin Building) Exterior at Overhang	Stucco	Tan	100% Non- Fibrous Material
--------------------	--	--------	-----	-------------------------------

Chrysotile <1 %
Total Asbestos **< 1%**

988636-148B 238	(Admin Building) Exterior at Overhang	Scratch Coat	Grey	100% Non- Fibrous Material
--------------------	--	--------------	------	-------------------------------

Total Asbestos **None Detected**

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Report Number: 988636 Revision
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Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

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Date Reported: 9/6/2023

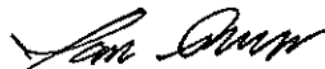
Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 240

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988636-068B		Sample contained plaster, skim coat, and button board.		
988636-069B		Sample contained plaster, skim coat, and button board.		
988636-070B		Sample contained plaster, skim coat, and button board.		
988636-071B		Sample contained plaster, skim coat, and button board.		
988636-072B		Sample contained plaster, skim coat, and button board.		
988636-101B		Sample contained plaster, skim coat, and button board.		
988636-102B		Sample contained plaster, skim coat, and button board.		
988636-103B		Sample contained plaster, skim coat, and button board.		
988636-104B		Sample contained plaster, skim coat, and button board.		
988636-105B		Sample contained plaster, skim coat, and button board.		
988636-132B		Sample contained plaster, skim coat, and button board.		
988636-133B		Sample contained plaster, skim coat, and button board.		
988636-134B		Sample contained plaster, skim coat, and button board.		
988636-135B		Sample contained plaster, skim coat, and button board.		
988636-136B		Sample contained plaster, skim coat, and button board.		

Note: This is an amended report issued on 8/23/23 and reissued 9/6/23. Location descriptions for samples 99-109, 130-146, 163-171, 196-203, 227-229 have been revised.



Peter Mai - Analyst



Ian Reyes - Laboratory Director - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

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1041 S. Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
91	(Bldg R11- R14) - STAFF lounge ceiling	1'x1' Bubblehole Ceiling tile	X		Intact	900φ
92	CLASSROOM R12					900φ
93	- R13					900φ
94	- R13					↓
95	- R14					900φ
96	- STAFF lounge Floor	Brown wood Return laminate w/ Yellow/Black Mastic		X	Intact	900φ
97	-					↓
98	-					↓
99	- CLASS Room R12 Wall	6" Black COVERASE w/ Adhesive		X	Intact	20φ
100	- R13					20φ
101	- R14 floor					20φ
102	- CLASSROOM R12 under carpet	YELLOW CARPET GLUE		X	I	900φ
103	-					
104	- floor					
105	- CLASSROOM R12 under carpet	Black/Green/Yellow Flooring Mastic		X	I	900φ
106	- R13					↓
107	- R13					↓
108	- R14					900φ
109	- R14					↓

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10415 Placentia Avenue, Fullerton, CA 92831

Project #: **00164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
110	(Bldg K11-114) STAFF Lounge Walls	DW/IC		X	I	800¢
111	↓	↓		↓	↓	↓
112	↓	↓		↓	↓	↓
113	Exterior Overhangs	TAN STUCCO w/ GRAY SCHEDULET		X	I	1000¢
114	↓	↓		↓	↓	↓
115	↓	↓		↓	↓	↓
116	(Bldg RB-12-10) SPEECH Ceiling	1"x1" Buttonhole Ceiling Tiles	X		I	9¢
117	CLASS Room 12B	↓		↓	↓	900¢
118	↓ 12B	↓		↓	↓	900¢
119	↓ 12A	↓		↓	↓	900¢
120	↓ 1210	↓		↓	↓	900¢
121	CLASS Room 12A Walls	SEMICOAT (on wood)		X	I	300¢
122	↓ 12A	↓		↓	↓	↓
123	↓ 1210	↓		↓	↓	300¢
124	SPEECH Walls	PLASTER ON Buttonboard		X	I	300¢
125	OFFICE	↓		↓	↓	250¢
126	CLASS Room 1210	↓		↓	↓	300¢
127	Boys Bathroom Ceiling	DW/IC		X	I	300¢
128	↓	↓		↓	↓	↓
129	↓	↓		↓	↓	↓

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*M. H. H.*Date: **8/17/13** Time:

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*Aaron Rodriguez*Date: **8-21** Time:

Received-Print/Sign:

*Amy Moton*Date: **8/22/13** Time: **11am**Page **7** of **7**

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10415 Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
130	(Bldg RB-110) - SPEECH Wall	6" brown concrete w/ Adhesive		X	I	15¢
131	- ↓	↓			↓	↓
132	- OFFICE	↓			↓	8¢
133	- CLASSROOM RB	6" BLACK CONCRETE w/ Adhesive		X	I	20¢
134	- 129	↓			↓	20¢
135	- 110	↓			↓	20¢
136	- OFFICE floor under Carpet	GREEN CARPET GLUE		X	I	150¢
137	- ↓	↓			↓	↓
138	- ↓	↓			↓	↓
139	- CLASSROOM 129	YELLOW CARPET GLUE		X	I	900¢
140	- ↓	↓			↓	↓
141	- ↓	↓			↓	↓
142	- CLASSROOM floor under 12B Carpet	BLACK/YELLOW Flooring Mastic		X	I	900¢
143	- 12B	↓			↓	↓
144	- 110	↓			↓	450¢
145	- 110	↓			↓	↓
146	- SPEECH	↓		↓	↓	450¢
147	- CLASSROOM 110 Floor	Brown wood pattern laminate w/ Black Mastic		X	Intact	450¢
148	- ↓	↓				
149	- ↓	↓				

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1041 S. Placentia Avenue, Fullerton, CA 92831

Project #: **DC164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
150	(BLDG R3) R10 Exterior Overhang	TAN STUCCO w/ GRAY Scratchcoat		Y	I	1000φ
151	↓	↓		↓	↓	↓
152	↓	↓		↓	↓	↓
153	(BLDG R4) R1 CLASSROOM R4 Ceiling Tiles	1'x1' Buttonhole Ceiling Tiles	X		I	900φ
154	↓	↓		↓	↓	↓
155	↓	↓		↓	↓	900φ
156	↓	↓		↓	↓	↓
157	↓	↓		↓	↓	900φ
158	- classroom R6 Wall	PLASTER ON Buttonhole		X	I	300φ
159	- OFFICE	↓		↓	↓	450φ
160	- CLASSROOM R4	↓		↓	↓	300φ
161	- Boiler Room	↓		↓	↓	600φ
162	- STORAGE	↓		↓	↓	600φ
163	- OFFICE Wall	6" Green Concrete w/ Adhesive	X		I	8φ
164	↓	↓		↓	↓	↓
165	↓	↓		↓	↓	↓
166	- CLASSROOM R4 Floor under Carpet	GREEN CARPET GLUE	X		I	900φ
167	↓	↓		↓	↓	↓
168	↓ - OFFICE	↓		↓	↓	100φ

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Date: 8/22/23 Time: 11am

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Project #: **OC164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
169	(Bldg 124) - CLASS Room 124 Wall	6" BLANK CONCRETE w/ Adhesive		X	I	200φ
170	- 125			I		200φ
171	- 126			I		200φ
172	- Boys Bathroom Ceiling	DW/PC		X	I	300φ
173	- 125			I		
174	- 125			I		
175	- CLASS Room 125 floor under Carpet	BLACK/YELLOW Flooring Material		X	I	900φ
176	- 125			I		
177	- 126			I		900φ
178	- 126			I		900φ
179	- 126			I		
180	- EXTERIOR Windows	GRAY WINDOW. Putty		X	I	120φ
181	-			I		
182	-			I		
183	- Exterior @ Overhang	TAN STUCCO w/ GRAY SCRATCHCOAT		X		1000φ
184	-			I		
185	-			I		
186	(Bldg 121) - CLASS Room 3 Ceiling	1'x1' Bubbleshole Ceiling Tile		X	IMAX	900φ
187	- K2			I		900φ
188	- K2			I		

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[Signature]

Date: 8/17/23 Time:

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[Signature: Aaron Rodriguez]

Date: 8-21 Time:

Received-Print/Sign:

[Signature: Amy Moton]

Date: 8/22/23 Time: 11am

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Project #: **OC164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
189	(Bldg K1-23) - CLASS Room K1 Ceiling	1'x1' B. Appliance Ceiling Tiler	X		I	900φ
190	- ↓	↓	↓		↓	↓
191	- CLASS Room K1 Ceiling	PLASTER ON BUTTBOARD		X	I	120φ
192	- TEACHERS OFFICE Wells	↓		↓	↓	600φ
193	- STORAGE	↓		↓	↓	300φ
194	- HVAC CLOSET	↓		↓	↓	500φ
195	- ↓	↓		↓	↓	↓
196	- CLASSROOM 3 under carpet	BLACK/YELLOW Flooring Mastic	X		I	900φ
197	- K2	↓		↓	↓	450φ
198	- K2	↓		↓	↓	↓
199	- K1	↓		↓	↓	450φ
200	- ↓ K1	↓		↓	↓	↓
201	- 3 Wall	6" BLACK COVERBASE w/Adhesive		X		20φ
202	- K2	↓		↓	↓	20φ
203	- K1	↓		↓	↓	20φ
204	- CLASS Room K2 Floor	Brown Waxed Patterned laminate w/		X		450φ
205	- K1	↓		↓	↓	450φ
206	- TEACHERS OFFICE	↓		↓	↓	200φ
207	- EXTERIOR Windows	GRAY Window Putty		X		150φ
208	- ↓	↓		↓	↓	↓

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Project #: 00164900**ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location (5)	Material Type	F	NF	Condition	Notes
209	(Room 21-23) - ↓	↓		X	I	120¢
210	- Exterior Overhang	TAN STUCCO w/ GRAY SCRATCHMANT		X	I	1000¢
211	- ↓	↓		I		↓
212	- ↓	↓		I		↓
213	(Admin Bldg) - MAIL Room, Ceiling	1'x1' Buttonhole Ceiling tiles	X			150¢
214	- Nurses office ↓	↓		I		225¢
215	- Principals office ↓	↓		I		225¢
216	- Reception, Ceiling	1'x1' TEXTURED Ceiling tiles	X			600¢
217	- ↓	↓		I		↓
218	- ↓	↓		I		↓
219	- Reception, Walls	DW12		X		100¢
220	- HVAC closet ↓	↓		I		280¢
221	- Nurses office ↓	↓		I		150¢
222	RECEPTION (Reception) Walls	PLASTER ON Buttonboard		X		450¢
223	- JANITORS closet ↓	↓		I		320¢
224	- Principals office ↓	↓		I		600¢
225	- Reception ↓	↓		I		450¢
226	- Nurses office ↓	↓		I		150¢
227	- Principals office Wall	6" BLACK COVERAGE w/ ADHESIVE		X		10¢
228	- Mail Room ↓	↓		I		6¢

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Date: 8/17/23 Time:

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PATRIOT LAB

Westminster School District
Brian Johnson
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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
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988689-001 239	(Admin Building) Attic Space at Piping	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			

988689-002 240	(Admin Building) Attic Space at Piping	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			

988689-003 241	(Admin Building) Attic Space at Piping	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			

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Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-004 242	(Admin Building) Attic Space at Elbows	TSI Elbows	Tan	40% Non- Fibrous Material 20% Cellulose
Chrysotile	25 %			
Amosite	10 %			
Crocidolite	5 %			
Total Asbestos	40 %			
988689-005 243	(Admin Building) Attic Space at Elbows	TSI Elbows	Tan	40% Non- Fibrous Material 20% Cellulose
Chrysotile	25 %			
Amosite	10 %			
Crocidolite	5 %			
Total Asbestos	40 %			
988689-006 244	(Admin Building) Attic Space at Elbows	TSI Elbows	Tan	40% Non- Fibrous Material 20% Cellulose
Chrysotile	25 %			
Amosite	10 %			
Crocidolite	5 %			
Total Asbestos	40 %			

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PATRIOT LAB

Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-007 245	(Building R1-R3) Attic Space Above Classroom 3	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-008 246	(Building R1-R3) Attic Space Above Classroom 3	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-009 247	(Building R1-R3) Attic Space Above Classroom 3	TSI Pipe Run	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-010 248	(Building R1-R3) Attic Space Above Classroom 3	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50 %			
988689-011 249	(Building R1-R3) Attic Space Above Classroom 3	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50 %			
988689-012 250	(Building R1-R3) Attic Space Above Classroom 3	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50 %			

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Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-013 251	(Building R8-R10) attic Space at Pipe Run	TSI Pipe Run	Tan	35% Non- Fibrous Material 10% Cellulose
Chrysotile	15 %			
Amosite	30 %			
Crocidolite	10 %			
Total Asbestos	55 %			
988689-014 252	(Building R8-R10) attic Space at Pipe Run	TSI Pipe Run	Tan	35% Non- Fibrous Material 10% Cellulose
Chrysotile	15 %			
Amosite	30 %			
Crocidolite	10 %			
Total Asbestos	55 %			
988689-015 253	(Building R8-R10) attic Space at Debris	TSI Pipe Run	Tan	35% Non- Fibrous Material 10% Cellulose
Chrysotile	15 %			
Amosite	30 %			
Crocidolite	10 %			
Total Asbestos	55 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-016 254	(Building R8-R10) attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50			
988689-017 255	(Building R8-R10) attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50 %			
988689-018 256	(Building R8-R10) attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	30 %			
Amosite	15 %			
Crocidolite	5 %			
Total Asbestos	50 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-019 257	(Building R15-R17) Attic Space at Pipe Run	TSI Pipe Run	Tan	25% Non- Fibrous Material 40% Cellulose
Chrysotile	10 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	35 %			
988689-020 258	(Building R15-R17) Attic Space at Pipe Run	TSI Pipe Run	Tan	25% Non- Fibrous Material 40% Cellulose
Chrysotile	10 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	35 %			
988689-021 259	(Building R15-R17) Attic Space at Pipe Run	TSI Pipe Run	Tan	25% Non- Fibrous Material 40% Cellulose
Chrysotile	10 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	35 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-022 260	(Building R15-R17) Attic Space at Elbows	TSI Elbows	Tan	25% Non- Fibrous Material 30% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-023 261	(Building R15-R17) Attic Space at Elbows	TSI Elbows	Tan	25% Non- Fibrous Material 30% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-024 262	(Building R15-R17) Attic Space at Elbows	TSI Elbows	Tan	25% Non- Fibrous Material 30% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-025 263	(Building R18-R20) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-026 264	(Building R18-R20) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45			
988689-027 265	(Building R18-R20) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	20 %			
Amosite	20 %			
Crocidolite	5 %			
Total Asbestos	45			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-028 266	(Building R18-R20) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			
988689-029 267	(Building R18-R20) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			
988689-030 268	(Building R18-R20) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-031 269	(Building R21-R23) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			
988689-032 270	(Building R21-R23) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			
988689-033 271	(Building R21-R23) Attic Space at Elbows	TSI Elbows	Tan	30% Non- Fibrous Material 20% Cellulose
Chrysotile	20 %			
Amosite	15 %			
Crocidolite	15 %			
Total Asbestos	50 %			

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 Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-034 272	(Building R21-R23) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-035 273	(Building R21-R23) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-036 274	(Building R21-R23) Attic Space at Pipe Run	TSI Pipe Runs	Tan	15% Non- Fibrous Material 40% Cellulose
Chrysotile	15 %			
Amosite	25 %			
Crocidolite	5 %			
Total Asbestos	45 %			
988689-037A 275	Covered Walkway - Roof	Rolled Roof Core	White	80% Non- Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-037B 275	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-037C 275	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-038A 276	Covered Walkway - Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-038B 276	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-038C 276	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-039A 277	Covered Walkway - Roof	Rolled Roof Core	White	100% Non-Fibrous Material
Total Asbestos	None Detected			
988689-039B 277	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-039C 277	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-040A 278	Covered Walkway - Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-040B 278	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-040C 278	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-041A 279	Covered Walkway - Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-041B 279	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-041C 279	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-042A 280	Covered Walkway - Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-042B 280	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-042C 280	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-043A 281	Covered Walkway - Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-043B 281	Covered Walkway - Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-043C 281	Covered Walkway - Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-044A 282	(Admin Building) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-044B 282	(Admin Building) Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-044C 282	(Admin Building) Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-045A 283	(Admin Building) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-045B 283	(Admin Building) Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-045C 283	(Admin Building) Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-046A 284	(Admin Building) Roof	Rolled Roof Core	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-046B 284	(Admin Building) Roof	Roofing Material	White	75% Non-Fibrous Material 25% Glass Fibers
Total Asbestos	None Detected			
988689-046C 284	(Admin Building) Roof	Roofing Material	Black	60% Non-Fibrous Material 40% Glass Fibers
Total Asbestos	None Detected			
988689-047 285	(Admin Building) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-048 286	(Admin Building) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Glass Fibers
Total Asbestos	None Detected			
988689-049 287	(Admin Building) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Glass Fibers
Total Asbestos	None Detected			
988689-050A 288	(Building R1-R3) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-050B 288	(Building R1-R3) Roof	Roofing Material	Black	60% Glass Fibere 40% Non-Fibrous Material
Total Asbestos	None Detected			
988689-051A 289	(Building R1-R3) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-051B 289	(Building R1-R3) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material

Total Asbestos **None Detected**

988689-052A 290	(Building R1-R3) Roof	Rolled Roof Core	White	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988689-052B 290	(Building R1-R3) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material
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Total Asbestos **None Detected**

988689-053A 291	(Building R1-R3) Roof	Rolled Roof Core	White	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988689-053B 291	(Building R1-R3) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material
--------------------	-----------------------	------------------	-------	---

Total Asbestos **None Detected**

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Westminster School District
Brian Johnson
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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-054A 292	(Building R1-R3) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988689-054B 292	(Building R1-R3) Roof	Roofing Material	Black	60% Glass Fibers 40% Non-Fibrous Material
Total Asbestos	None Detected			
988689-055 293	(Building R1-R3) Roof at Penetrations	Roof Penetration Mastic	White / Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988689-056 294	(Building R1-R3) Roof at Penetrations	Roof Penetration Mastic	White / Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988689-057 295	(Building R1-R3) Roof at Penetrations	Roof Penetration Mastic	White / Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			

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Westminster School District
Brian Johnson
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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-058A 296	(Building R4-R6) Roof	Rolled Roof Core	White	100% Non-Fibrous Material
Total Asbestos	None Detected			
988689-058B 296	(Building R4-R6) Roof	Roofing Material	Black	60% Glass Fibere 40% Non-Fibrous Material
Total Asbestos	None Detected			
988689-059A 297	(Building R4-R6) Roof	Rolled Roof Core	White Black	100% Non-Fibrous Material
Total Asbestos	None Detected			
988689-059B 297	(Building R4-R6) Roof	Roofing Material	Black	60% Glass Fibere 40% Non-Fibrous Material
Total Asbestos	None Detected			
988689-060A 298	(Building R4-R6) Roof	Rolled Roof Core	White Black	100% Non-Fibrous Material
Total Asbestos	None Detected			

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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-060B 298	(Building R4-R6) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material
Total Asbestos	None Detected			
988689-061A 299	(Building R4-R6) Roof	Rolled Roof Core	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988689-061B 299	(Building R4-R6) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material
Total Asbestos	None Detected			
988689-062A 300	(Building R4-R6) Roof	Rolled Roof Core	White	100% Non- Fibrous Material
Total Asbestos	None Detected			
988689-062B 300	(Building R4-R6) Roof	Roofing Material	Black	60% Glass Fibere 40% Non- Fibrous Material
Total Asbestos	None Detected			

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Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-063 301	(Building R4-R6) Roof at Penetrations	Roof Penetration Mastic	White Black	93% Non-Fibrous Material 7% Cellulose
Total Asbestos	None Detected			
988689-064 302	(Building R4-R6) Roof at Penetrations	Roof Penetration Mastic	White Black	93% Non-Fibrous Material 7% Cellulose
Total Asbestos	None Detected			
988689-065 303	(Building R4-R6) Roof at Penetrations	Roof Penetration Mastic	White Black	93% Non-Fibrous Material 7% Cellulose
Total Asbestos	None Detected			
988689-066A 304	(Building R8-R10) Roof	Rolled Roof Core	White Black	50% Non-Fibrous Material 20% Cellulose 30% Glass Fibers
Total Asbestos	None Detected			
988689-066B 304	(Building R8-R10) Roof	Roofing Material	Black	65% Glass Fibers 35% Non-Fibrous Material
Total Asbestos	None Detected			

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PATRIOT LAB

Westminster School District
Brian Johnson
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Westminster, CA 92683

Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-066C 304	(Building R8-R10) Roof	Roofing Material	Black	80% Glass Fibers 20% Non- Fibrous Material

Total Asbestos **None Detected**

988689-067A 305	(Building R8-R10) Roof	Rolled Roof Core	White Black	50% Non- Fibrous Material 20% Cellulose 30% Glass Fibers
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Total Asbestos **None Detected**

988689-067B 305	(Building R8-R10) Roof	Roofing Material	Black	65% Glass Fibers 35% Non- Fibrous Material
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Total Asbestos **None Detected**

988689-067C 305	(Building R8-R10) Roof	Roofing Material	Black	80% Glass Fibers 20% Non- Fibrous Material
--------------------	------------------------	------------------	-------	---

Total Asbestos **None Detected**

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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-068A 306	(Building R8-R10) Roof	Rolled Roof Core	White Black	50% Non-Fibrous Material 20% Cellulose 30% Glass Fibers
Total Asbestos	None Detected			
988689-068B 306	(Building R8-R10) Roof	Roofing Material	Black	65% Glass Fibers 35% Non-Fibrous Material
Total Asbestos	None Detected			
988689-068C 306	(Building R8-R10) Roof	Roofing Material	Black	80% Glass Fibers 20% Non-Fibrous Material
Total Asbestos	None Detected			
988689-069A 307	(Building R8-R10) Roof	Rolled Roof Core	White Black	50% Non-Fibrous Material 20% Cellulose 30% Glass Fibers
Total Asbestos	None Detected			

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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-069B 307	(Building R8-R10) Roof	Roofing Material	Black	65% Glass Fibers 35% Non- Fibrous Material
Total Asbestos	None Detected			
988689-069C 307	(Building R8-R10) Roof	Roofing Material	Black	80% Glass Fibers 20% Non- Fibrous Material
Total Asbestos	None Detected			
988689-070A 308	(Building R8-R10) Roof	Rolled Roof Core	White Black	50% Non- Fibrous Material 20% Cellulose 30% Glass Fibers
Total Asbestos	None Detected			
988689-070B 308	(Building R8-R10) Roof	Roofing Material	Black	65% Glass Fibers 35% Non- Fibrous Material
Total Asbestos	None Detected			
988689-070C 308	(Building R8-R10) Roof	Roofing Material	Black	80% Glass Fibers 20% Non- Fibrous Material
Total Asbestos	None Detected			

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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988689-071 309	(Building R8-R10) Roof at Penetrations	Roof Penetration Mastic	White Black	90% Non- Fibrous Material 5% Cellulose 5% Glass Fibers

Total Asbestos **None Detected**

988689-072 310	(Building R8-R10) Roof at Penetrations	Roof Penetration Mastic	White Black	90% Non- Fibrous Material 5% Cellulose 5% Glass Fibers
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Total Asbestos **None Detected**

988689-073 311	(Building R8-R10) Roof at Penetrations	Roof Penetration Mastic	White Black	90% Non- Fibrous Material 5% Cellulose 5% Glass Fibers
-------------------	---	----------------------------	-------------	---

Total Asbestos **None Detected**

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Westminster School District
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Report Number: 988689 Revision
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/18/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 9/7/2023

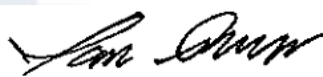
Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 113

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
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Note: This is an amended report issued on 08/23/23 and reissued 9/7/23. Material descriptions for samples 044B - 046C were revised.



Peter Mai - Analyst



Ian Reyes - Laboratory Director - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

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1041 S. Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
239	ADMIN BLDG - ATTIC SPACE - C PIPE RUN	TSI PIPE RUN	X		Intact	180φ
240	↓ - ↓	↓			↓	
241	↓ - ↓	↓			↓	
242	↓ - C ELBOWS	TSI ELBOWS	X		Intact	15φ
243	↓ - ↓					
244	↓ - ↓					
245	(BLDG R1 - R3) ATTIC SPACE - ABOVE CLASSROOM 3	TSI PIPE RUN	X			12 12φ
246	↓ - ↓					
247	↓ - ↓					
248	↓ - ↓	TSI ELBOWS	X			4 4φ
249	↓ - ↓	↓			↓	
250	↓ - ↓	↓			↓	
251	(BLDG R8 - R10) ATTIC SPACE - C PIPE RUN	TSI PIPE RUN	X		DMG	30φ of 700φ
252	↓ - ↓					↓
253	↓ - C DEBRIS					↓
254	↓ - C ELBOWS	TSI ELBOWS	X		DMG	24 of 15φ
255	↓ - ↓					↓
256	↓ - ↓					↓
257	(BLDG R15 - R17) ATTIC SPACE - C PIPE RUN	TSI PIPE RUN	X		Intact	300φ
258	↓ - ↓	↓			↓	↓

Sampled/Relinquished-Print/Sign:

Received/Relinquished-Print/Sign:

Received-Print/Sign:

Date: 8/18/23 Time:

Date: 8-21 Time:

Date: 8/22/23 Time:

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Project #:

ASBESTOS FIELD BULK SAMPLE COC

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
259	(Bldg R15) R17 ↓ - ↓	↓	X		Intact	300φ
260	↓ ATIL SPACE, C ELBOWS	TSI ELBOWS	X		Intact	15φ
261	↓ ↓ ↓	↓	↓		↓	↓
262	↓ ↓ ↓	↓	↓		↓	↓
263	(Bldg R18) R20 - ATIL SPACE - C PIPE RUNS	TSI P. PE RUNS	X		Intact	300φ
264	↓ - ↓ - ↓	↓	↓		↓	↓
265	↓ - ↓ - ↓	↓	↓		↓	↓
266	↓ - ↓ - C ELBOWS	TSI ELBOWS	X		↓	15φ
267	↓ - ↓ - ↓	↓	↓		↓	↓
268	↓ - ↓ - ↓	↓	↓		↓	↓
269	(Bldg R21) R23 - ATIL SPACE - C ELBOWS	TSI ELBOWS	X		↓	15φ
270	↓ - ↓ - ↓	↓	↓		↓	↓
271	↓ - ↓ - ↓	↓	↓		↓	↓
272	↓ - ↓ - C PIPE RUNS	TSI P. PE RUNS	X		↓	300φ
273	↓ - ↓ - ↓	↓	↓		↓	↓
274	↓ - ↓ - ↓	↓	↓		↓	↓
ASSUMED	(Bldg R21) R23 - ATIL SPACE - C HVAC UNITS	TAN VIBRATION COLLARS	X		Intact	24φ
↓	(Bldg R18) R20 ↓ ↓ ↓	↓	↓		↓	24φ
↓	(Bldg R15) R17 ↓ ↓ ↓	↓	↓		↓	24φ
↓	(Bldg R18) R20 ↓ ↓ ↓	↓	↓		↓	24φ

Sampled/Relinquished-Print/Sign:

Date: 8/18/22 Time:

Received/Relinquished-Print/Sign:

Date: 8-21 Time:

Received-Print/Sign:

Date: 8/22/23 Time: 11am

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10415 Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
↓	(Rooftop) ATTIC CHVAC SPACE, UNIT	TAN VIBRATION COLLAR	X		INTACT	8φ
275	COVERED WALKWAY - ROOF	WHITE ROLLED ROOF CORE		X	INTACT	6750φ
276	↓	↓		↓	↓	↓
277	↓	↓		↓	↓	↓
278	↓	↓		↓	↓	↓
279	↓	↓		↓	↓	↓
280	↓	↓		↓	↓	↓
281	↓	↓		↓	↓	↓
282	(ADMIN BLDG) ROOF			X	↓	≈ 1650φ
283	↓	↓		↓	↓	↓
284	↓	↓		↓	↓	↓
285	Roof @ Penetrations	WHITE/BLACK ROOF PENETRATION MATT		X	INTACT	20φ
286	↓	↓		↓	↓	↓
287	↓	↓		↓	↓	↓
288	(Rooftop) ROOF	WHITE ROLLED ROOF CORE		X	↓	4100φ
289	↓	↓		↓	↓	↓
290	↓	↓		↓	↓	↓
291	↓	↓		↓	↓	↓
292	↓	↓		↓	↓	↓

Sampled/Relinquished-Print/Sign:

M. H. M. J.

Date: 8/18/23 Time:

Received/Relinquished-Print/Sign:

Archibald

Date: 8-20 Time:

Received-Print/Sign:

Amy Moton

Date: 8/22/23 Time: 11am

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10415 Placentia Avenue, Fullerton, CA 92831



Project #: **0C164900**

ASBESTOS FIELD BULK SAMPLE COC

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
293	(Block R1-R3) Roof e Penetrations	WHITE/BLACK ROOF PENETRATION MASTIC		X	Intact	20¢
294	↓	↓		↓	↓	↓
295	↓	↓		↓	INTACT	↓
296	(Block R4-R6) Roof	WHITE ROLLED ROOF CORE		X		4100¢
297	↓	↓		↓		↓
298	↓	↓		↓		↓
299	↓	↓		↓		↓
300	↓	↓		↓		↓
301	↓ e Penetrations	WHITE/BLACK ROOF PENETRATION MASTIC		X		20¢
302	↓	↓		↓		↓
303	↓	↓		↓		↓
304	(Block R8-R10) Roof	WHITE ROLLED ROOF CORE		X		4100¢
305	↓	↓		↓		↓
306	↓	↓		↓		↓
307	↓	↓		↓		↓
308	↓	↓		↓		↓
309	↓ e Penetrations	WHITE/BLACK ROOF PENETRATION MASTIC		X		20¢
310	↓	↓		↓		↓
311	↓	↓		↓		↓

Sampled/Relinquished-Print/Sign:

[Signature]

Date: 8/18/23 Time:

Received/Relinquished-Print/Sign:

[Signature]

Date: 8-21 Time:

Received-Print/Sign:

[Signature]

Date: 8/22/23 Time: 11am

Page of

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988719
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 8/24/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-001A 312	(Building R11-R14) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-001B 312	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Synthetic Fibers
Total Asbestos	None Detected			
988719-001C 312	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-002A 313	(Building R11-R14) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-002B 313	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Synthetic Fibers
Total Asbestos	None Detected			

Certificate of Analysis
PLM Asbestos Identification

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PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988719
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 8/24/2023

Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-003A 314	(Building R11-R14) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers

Total Asbestos **None Detected**

988719-003B 314	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Synthetic Fibers
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Total Asbestos **None Detected**

988719-003C 314	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988719-004A 315	(Building R11-R14) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988719-004B 315	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-004C 315	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-005A 316	(Building R11-R14) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-005B 316	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-005C 316	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-005D 316	(Building R11-R14) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-006 317	(Building R11-R14) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-007 318	(Building R11-R14) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-008 319	(Building R11-R14) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-009 320	Covered Walkway - Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Glass Fibers
Total Asbestos	None Detected			
988719-010 321	Covered Walkway - Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Glass Fibers
Total Asbestos	None Detected			

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PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-011 322	Covered Walkway - Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Glass Fibers

Total Asbestos **None Detected**

988719-012A 323	(Building R15-R17) Roof	Rolled Roof Core	White	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988719-012B 323	(Building R15-R17) Roof	Roofing Material	Black	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988719-012C 323	(Building R15-R17) Roof	Roofing Material	Black	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

988719-012D 323	(Building R15-R17) Roof	Roofing Material	Black	80% Non- Fibrous Material 20% Glass Fibers
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Total Asbestos **None Detected**

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-013A 324	(Building R15-R17) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-013B 324	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-013C 324	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-013D 324	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-014A 325	(Building R15-R17) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-014B 325	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-014C 325	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-014D 325	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-014E 325	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-015A 326	(Building R15-R17) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-015B 326	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-015C 326	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-015D 326	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-016A 327	(Building R15-R17) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-016B 327	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-016C 327	(Building R15-R17) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Synthetic Fibers
Total Asbestos	None Detected			
988719-017 328	(Building R15-R17) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-018 329	(Building R15-R17) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-019 330	(Building R15-R17) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-020A 331	(Building R18-R20) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-020B 331	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-020C 331	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-021A 332	(Building R18-R20) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-021B 332	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-021C 332	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-021D 332	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-022A 333	(Building R18-R20) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-022B 333	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-022C 333	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-022D 333	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-022E 333	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-023A 334	(Building R18-R20) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-023B 334	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-023C 334	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-023D 334	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-023E 334	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-024A 335	(Building R18-R20) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-024B 335	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-024C 335	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-024D 335	(Building R18-R20) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-025 336	(Building R18-R20) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-026 337	(Building R18-R20) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-027 338	(Building R18-R20) Roof at Skylight	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-028A 339	(Building R21-R23) Roof	Rolled Roof Core	White	80% Non- Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-028B 339	(Building R21-R23) Roof	Roofing Material	Black	80% Non- Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-028C 339	(Building R21-R23) Roof	Roofing Material	Black	70% Non-Fibrous Material 30% Glass Fibers
Total Asbestos	None Detected			
988719-029A 340	(Building R21-R23) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-029B 340	(Building R21-R23) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-029C 340	(Building R21-R23) Roof	Roofing Material	Black	70% Non-Fibrous Material 30% Glass Fibers
Total Asbestos	None Detected			
988719-030A 341	(Building R21-R23) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			

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Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-030B 341	(Building R21-R23) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-030C 341	(Building R21-R23) Roof	Roofing Material	Black	70% Non-Fibrous Material 30% Glass Fibers
Total Asbestos	None Detected			
988719-031A 342	(Building R21-R23) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-031B 342	(Building R21-R23) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-031C 342	(Building R21-R23) Roof	Roofing Material	Black	70% Non-Fibrous Material 30% Glass Fibers
Total Asbestos	None Detected			

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PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-032A 343	(Building R21-R23) Roof	Rolled Roof Core	White	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-032B 343	(Building R21-R23) Roof	Roofing Material	Black	80% Non-Fibrous Material 20% Glass Fibers
Total Asbestos	None Detected			
988719-032C 343	(Building R21-R23) Roof	Roofing Material	Black	70% Non-Fibrous Material 30% Glass Fibers
Total Asbestos	None Detected			
988719-033 344	(Building R21-R23) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			
988719-034 345	(Building R21-R23) Roof at Penetrations	Roof Penetration Mastic	White Black	95% Non-Fibrous Material 5% Cellulose
Total Asbestos	None Detected			

Certificate of Analysis
PLM Asbestos Identification

tel - 310-872-5227
free - 855-507-5227
LALab@patriotlab.com
5830B Hannum Avenue, Culver City, CA 90230

PATRIOT LAB

Westminster School District
Brian Johnson
14121 Cedarwood Avenue
Westminster, CA 92683

Report Number: 988719
Project Number: OC164900
Project Name: Finley Elementary School
Project Location: 13521 Edwards Street
Westminster, 92683

Date Collected: 8/21/2023
Date Received: 8/22/2023
Date Analyzed: 8/23/2023
Date Reported: 8/24/2023


Collected By: Mitchell Martinez
Claim Number: PO No: T6000763
PO Number:
Number of Samples: 86

Lab/Client ID/Layer	Location	Material Description	Color	Composition (%)
988719-035 346	(Building R21-R23) Roof at Skylight	Roof Penetration Mastic	White Black	95% Non- Fibrous Material 5% Cellulose

Total Asbestos **None Detected**



Scott Wu - Analyst



Peter Mai - Laboratory Manager - Approved By

Bulk sample(s) submitted was (were) analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR Appendix E to Subpart E of Part 763; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. Samples of wall systems containing discrete and separable layers are analyzed separately and reported as composite unless specifically requested by the customer to report analytical results for individual layers. This report applies only to the items tested. Results are representative of the samples submitted and may not represent the entire material from which the samples were collected. "None Detected" means that no asbestos was observed in the sample. "<1%" (less than one percent) or Trace means that asbestos was observed in the sample but the concentration is below the quantifiable level of 1%. This report was issued by a NIST/NVLAP (Lab Code 201014-0) and CA Water Board ELAP (Cert. No. 2893) accredited laboratory and may not be reproduced, except in full without the expressed written consent of Patriot Environmental Laboratory Services, Inc. This report may not be used to claim product certification, approval or endorsement by NIST, NVLAP, CA-ELAP or any government agency..

ASB_Rep_8.23

Lab Use Only:

988719

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free - 888-743-0998

fax - 714-899-1188

PatriotLab.com

1041 S. Placentia Avenue, Fullerton, CA 92831

Project #: **0C164400****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
312	(Bldg R11-R14) Roof	WHITE ROOF CORE		X	Intact	4100¢
313	↓ ↓	↓		↓	↓	↓
314	↓ ↓	↓		↓	↓	↓
315	↓ ↓	↓		↓	↓	↓
316	↓ ↓	↓		↓	↓	↓
317	↓ ↓ @ Penetrations	WHITE/BLACK ROOF Penetration Mortar		X	Intact	20¢
318	↓ ↓	↓		↓	↓	↓
319	↓ ↓	↓		↓	↓	↓
320	Covered Walkway - Roof @ Penetrations	WHITE/BLACK ROOF Penetration Mortar		X	Intact	6¢
321	↓ ↓	↓		↓	↓	↓
322	↓ ↓	↓		↓	↓	↓
323	(Bldg R15-R17) Roof	WHITE ROOF CORE		X	Intact	4100¢
324	↓ ↓	↓		↓	↓	↓
325	↓ ↓	↓		↓	↓	↓
326	↓ ↓	↓		↓	↓	↓
327	↓ ↓	↓		↓	↓	↓
328	↓ ↓ @ Penetrations	WHITE/BLACK ROOF Penetration Mortar		X	Intact	20¢
329	↓ ↓	↓		↓	↓	↓
330	↓ ↓	↓		↓	↓	↓

8/24 9am

Sampled/Relinquished-Print/Sign:

Date: 8/24/23 Time:

Received/Relinquished-Print/Sign:

Date: 8-21 Time:

Received-Print/Sign:

Date: 8/22/23 Time: 11am

Page of

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fax - 714-899-1188

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1041 S. Placentia Avenue, Fullerton, CA 92831

Project #: **0C164900****ASBESTOS FIELD BULK SAMPLE COC**

Sample ID	Sample Location	Material Type	F	NF	Condition	Notes
331	(Block 113-120) Roof	WHITE ROOFED ROOF CORE		X	INTACT	4100φ
332						
333						
334						
335						
336	Penetration	WHITE/BLACK ROOF PENETRATION MATERIAL		X	INTACT	20φ
337						
338	@ SKYLIGHT					
339	(Block 121-123) Roof	WHITE ROOFED ROOF CORE		X	INTACT	4100φ
340						
341						
342						
343						
344	Penetration	WHITE/BLACK ROOF PENETRATION MATERIAL		X		20φ
345						
346	@ SKYLIGHT					

Sampled/Relinquished-Print/Sign:

*MM*Date: **8/21/23** Time:

Received/Relinquished-Print/Sign:

*Aaron Kelly*Date: **8-21** Time:

Received-Print/Sign:

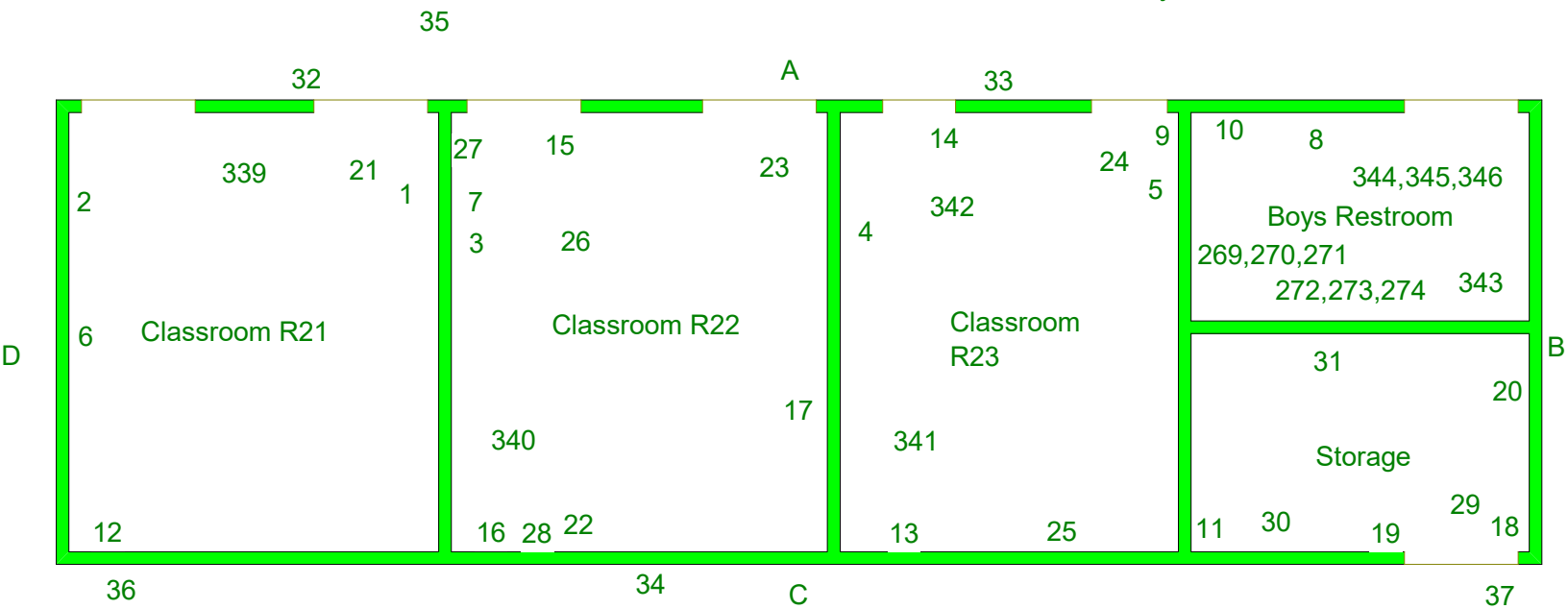
*Amy Morton*Date: **8/22/23** Time: **11am**

Page of

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900

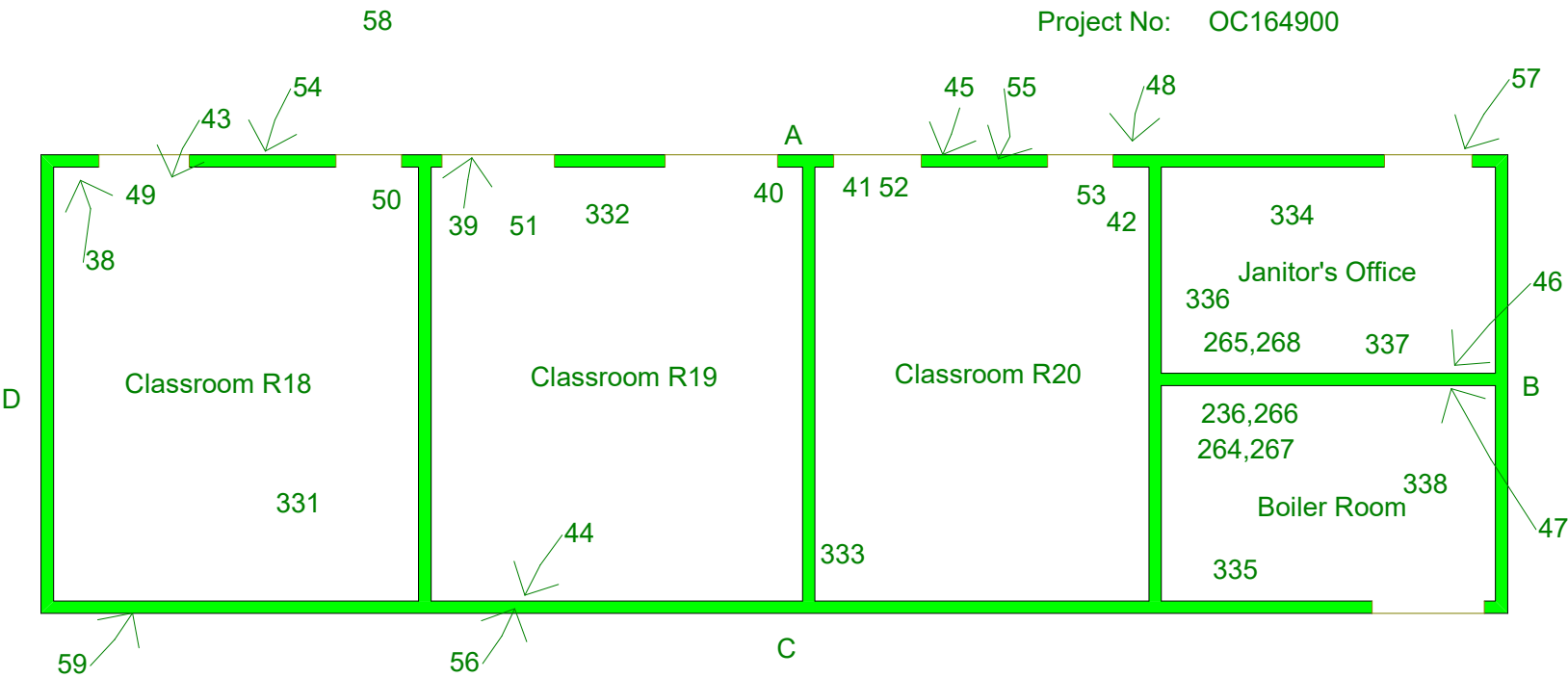


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900

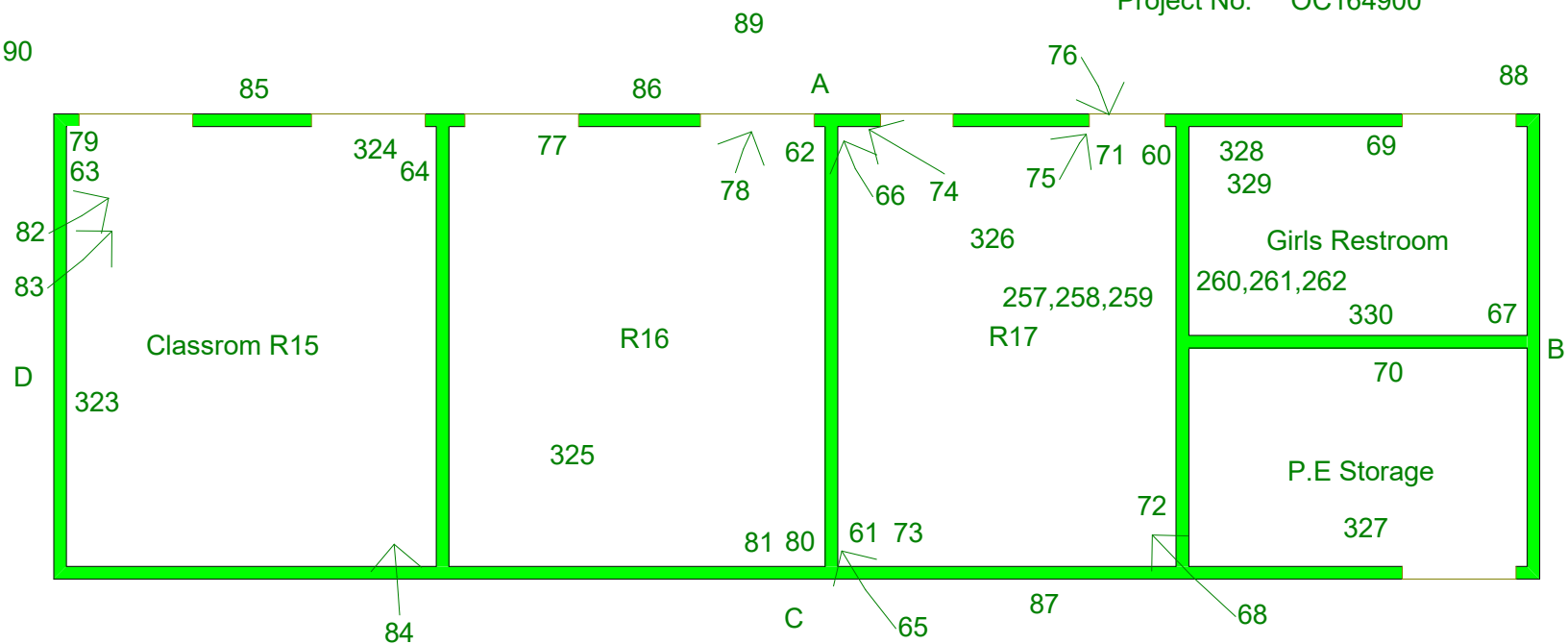


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
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Westminster, CA 92683

Project No: OC164900

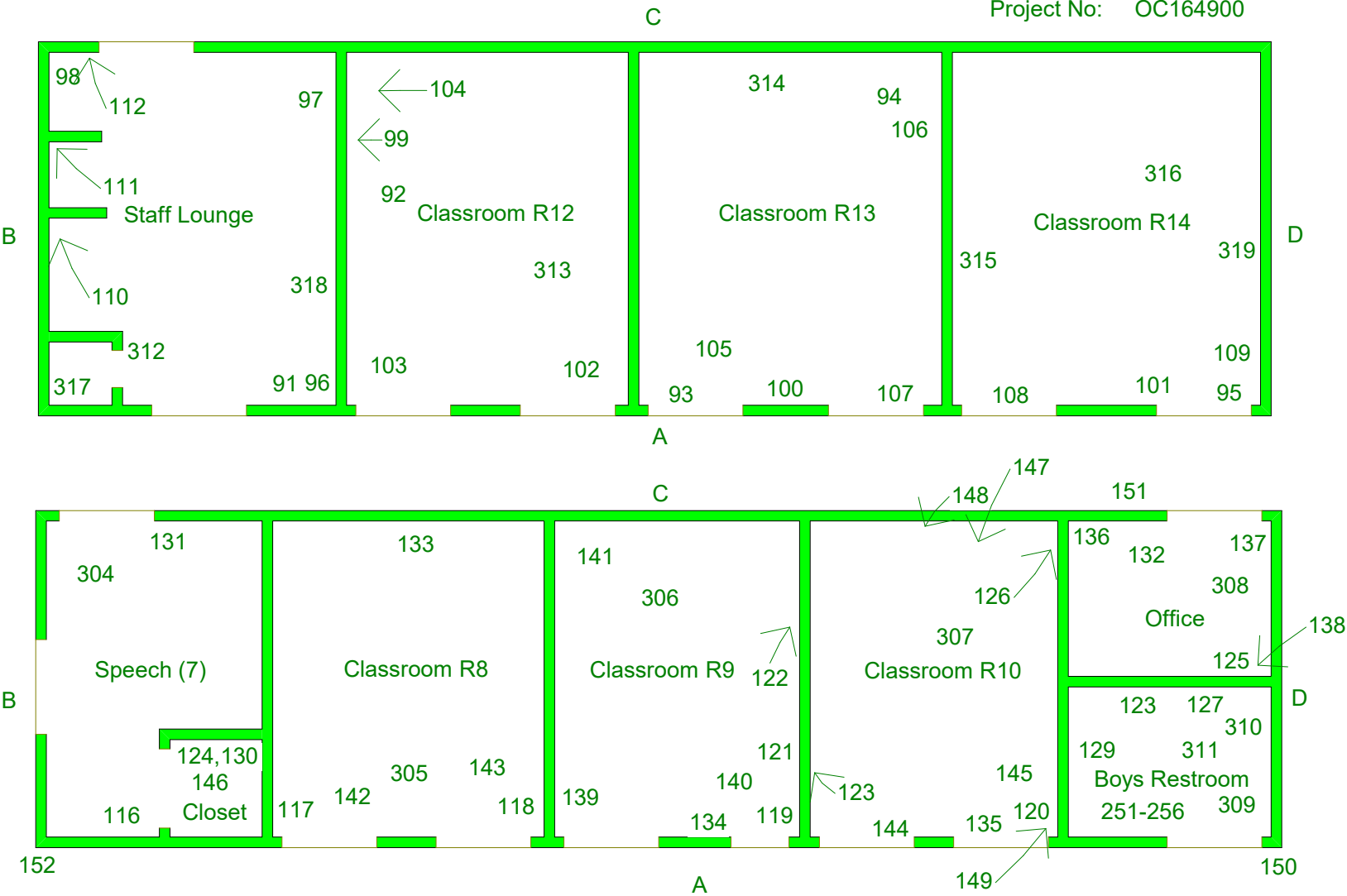


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900

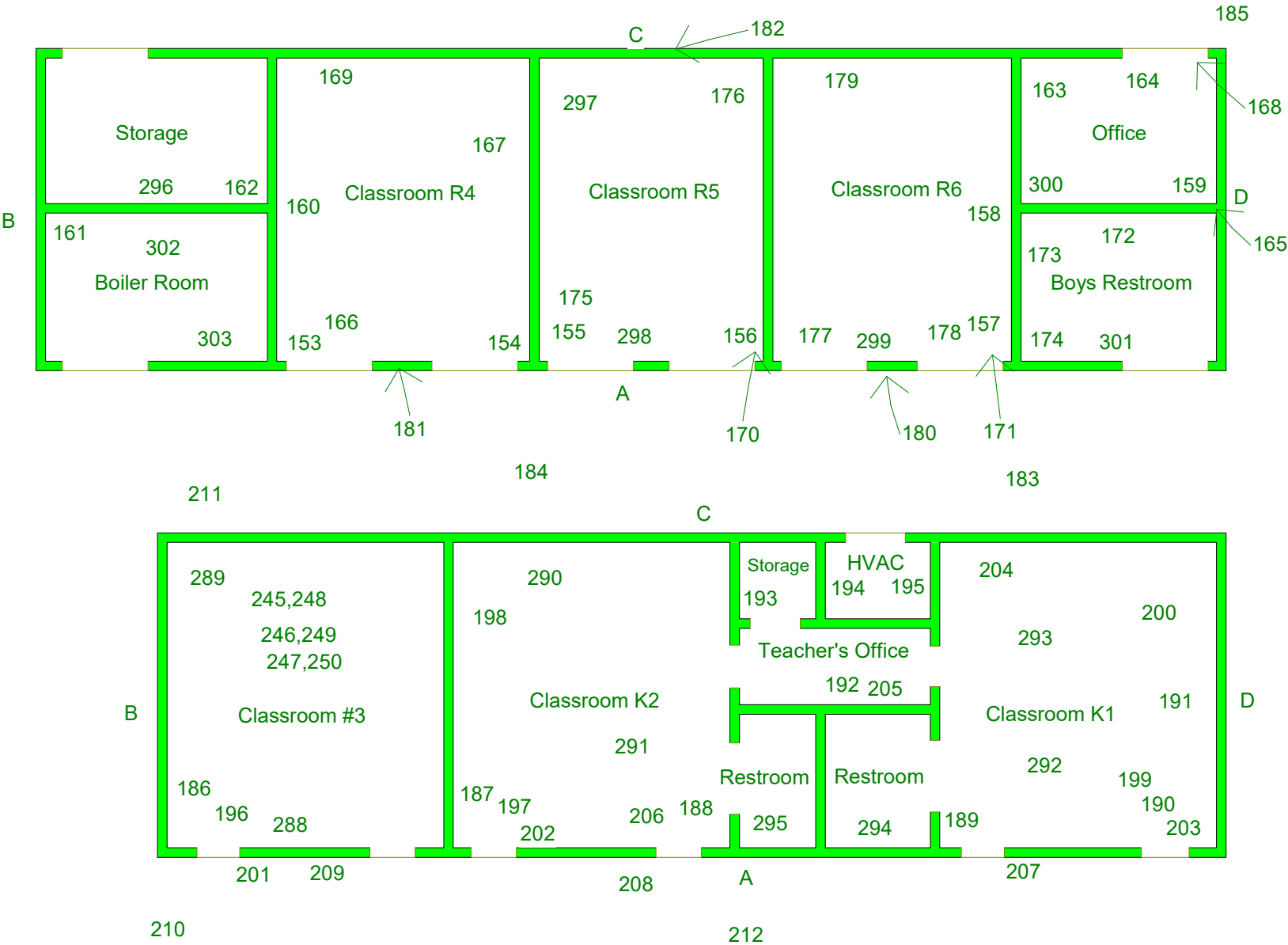


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing

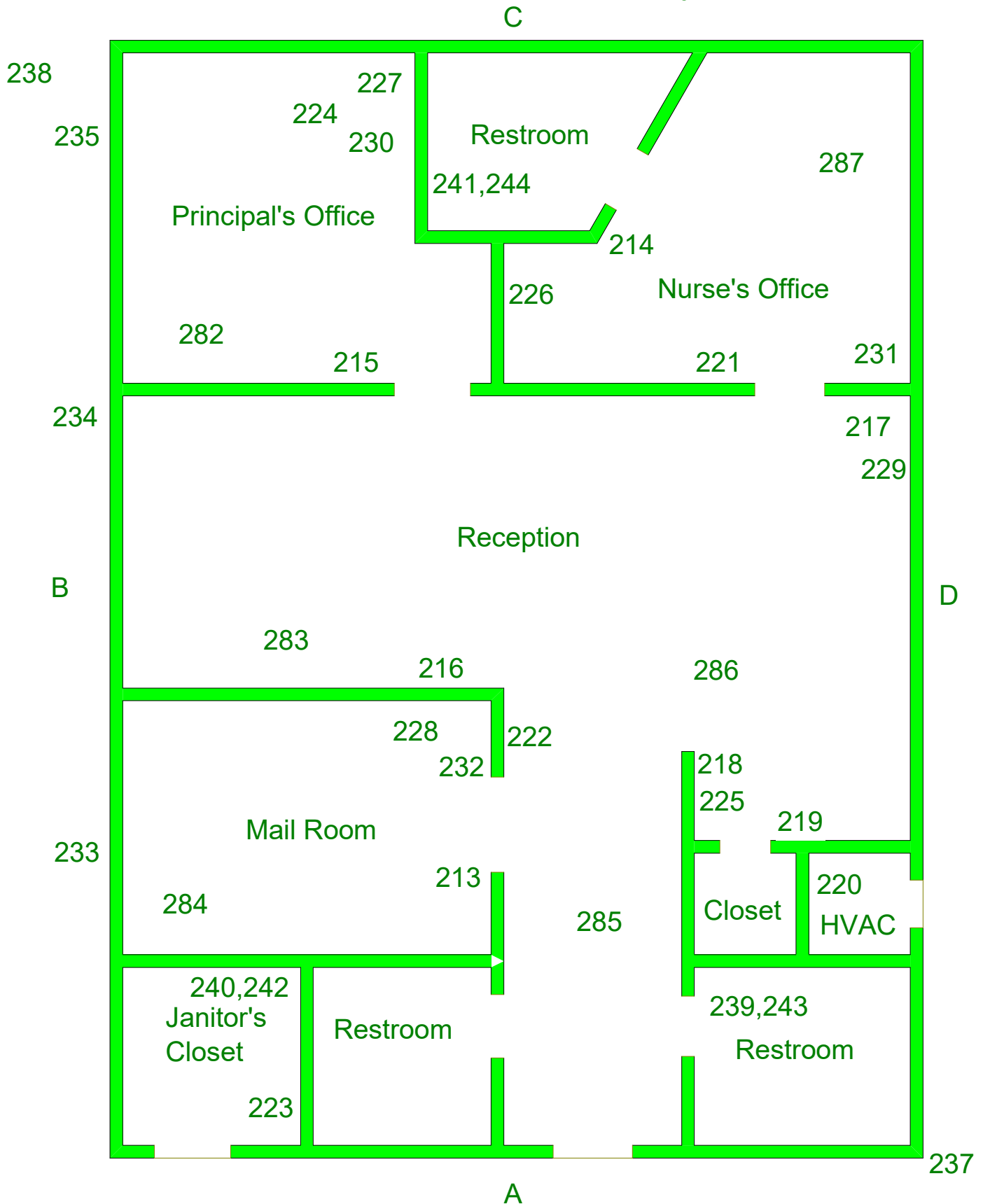
(Drawing Not to Scale)

Finley Elementary School

13521 Edwards Street

Westminster, CA 92683

Project No: OC164900



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Finley Elementary School

Site Plan

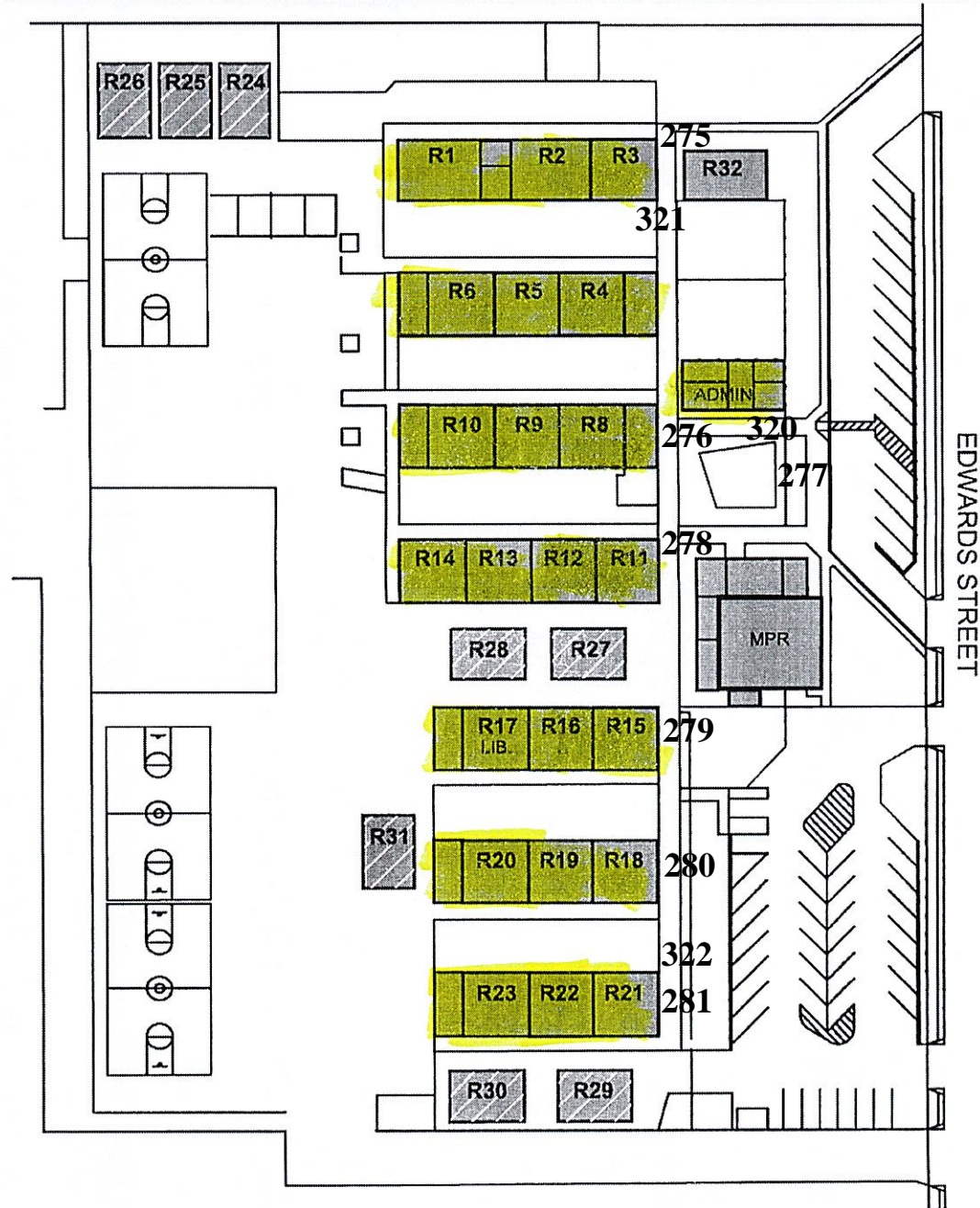
2020-2021

Westminster School District

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683
(714) 895-7764

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No:OC164900



Mitchell Martinez
Certified Site Surveillance Technician Card

CSST #13-5045



Fernando Najera - Hernandez
Certified Asbestos Consultant Card

CAC #11-4771

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Fernando Najera-Hernandez



Certification No. **11-4771**

Expires on **07/20/24**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

Certificate Of Completion

Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

Fernando Najera

AMPR0512230001N35349

Robert Cisneros

Principal Instructor

Michael W. Horner
Training Director

5/12/2023

5/12/2023

5/12/2023

5/12/2024

Course Start Date

Course End Date

Exam Date

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California.



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Certificate Of Completion

Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

Fernando Najera

ASR0513230016N35307

Guillermo Renteria

Principal Instructor

Michael W. Horner
Training Director

5/13/2023

5/13/2023

5/13/2023

5/13/2024

Course Start Date

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Web: www.dtr.ca.gov or calosha.com
CDPH/CLPPB: PHF (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB
SCAQMD: PHF (909) 396-3739
Fax/F(909) 396-3342
BAAQMD: PHF (415) 749-4762

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Asbestos Management Planner Refresher Course
Expiration: 5/12/2024
Training Date: 5/12/2023
Certificate No: AMPR0512230001N35349
Michael W. Horner
Training Director

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Training Date: 5/13/2023
Certificate No: ASR0513230016N35307
Michael W. Horner
Training Director

Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Fernando Najera

ABIR0512230012N35219

Robert Cisneros

Principal Instructor

Michael W. Horner
Training Director

5/12/2023

5/12/2023

5/12/2023

5/12/2024

Course Start Date

Course End Date

Exam Date

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California.



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Certificate Of Completion

Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

Fernando Najera

APDR0517230012N35408

David Wallach

Principal Instructor

Michael W. Horner
Training Director

5/17/2023

5/17/2023

5/17/2023

5/17/2024

Course Start Date

Course End Date

Exam Date

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California.



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Asbestos Building Inspector Refresher Course
Expiration: 5/12/2024
Training Date: 5/12/2023
Certificate No: ABIR0512230012N35219
Michael W. Horner
Training Director

Important Industry Contacts

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Michael W. Horner
Training Director

tel - 714-899-8900
free - 888-743-0998
fax - 714-899-1188
PatriotLab.com
1041 S. Placentia Avenue, Fullerton, CA 92831



**Specifications for
Asbestos Abatement Work at
Finley Elementary School
13521 Edwards Street
Westminster, CA 92683**

**September 9, 2023
Patriot Project No. OC164900
PO No. T6000763**

**Prepared For
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683**

**Prepared By
Patriot Environmental Laboratory Services, Inc.
1041 S. Placentia Avenue
Fullerton, California 90230**

ASBESTOS ABATEMENT

PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement of building and/or structure related Asbestos.
2. Removal of building and/or structure related Asbestos.
3. **Attachment A.**

B. Regulatory Requirements shall include, but not be limited to:

1. U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B, and Part 763, Subpart E.)
2. Title 8, Article 4, California Code of Regulations Construction Industry Safety Orders, Section 1529 "Asbestos" or current revised California regulations.
3. South Coast Air Quality Management District (SCAQMD) Rule 1403.

1.02 SECTION DEFINITIONS AND ACRONYMS

- A. Abatement – Procedures to control fiber release from Asbestos Containing Materials or Asbestos Containing Construction Materials. Includes Removal, Encapsulation, Enclosures, repair, Demolition, and Renovation activities.
- B. AHERA - Asbestos Hazard Emergency Response Act, 40 CFR, Part 763, Subpart E, and subsequent amendments.
- C. Air Filtration and Ventilation System - A portable exhaust system, furnished with HEPA filtration, and capable of maintaining a constant air flow into a Regulated Area from adjacent areas and exhausted outside the Regulated Area.
- D. Amended Water - Water to which a surfactant (wetting agent) has been added.
- E. ANSI - American National Standards Institute

- F. Asbestos - Means the asbestoform varieties of chrysotile (Serpentine); crocidolite (Riebeckite); amosite (cummingtonitegrunerite); anthophyllite; tremolite; and actinolite.
- G. Asbestos Containing Construction Material (ACCM) – Means any manufactured construction material which contains more than one tenth of one percent (0.1%) Asbestos by weight.
- H. Asbestos Containing Material (ACM) – Means any material containing more than one-percent (1%) Asbestos.
- I. Asbestos Containing Waste (Non-hazardous) – Non-Friable Asbestos Containing Material including, but not limited to, floor covering, roofing materials and cementitious materials requiring disposal.
- J. Asbestos Containing Waste (Hazardous) – Friable Asbestos Containing Materials and Asbestos contaminated objects and debris requiring disposal.
- K. ASTM - American Society for Testing and Materials
- L. Building ID Number or Code - A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.
- M. Bulk Samples - Samples of building or other materials collected for analysis to determine the presence and quantities of Asbestos.
- N. Clean Room - An uncontaminated area or room, which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.
- O. Competent Person - Has the same meaning as defined in the California Code of Regulations Title 8, as it relates to, "Competent Person."
- P. Curtained Doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.

- Q. Decontamination – The process of eliminating Asbestos contamination from building surfaces, objects, and property, by cloths, mops, or other utensils dampened with water and disposed of afterwards as Asbestos contaminated waste.
- R. Decontamination Enclosure System – Means an enclosed area, which is adjacent and connected to the Regulated Area, consisting of an Equipment Room, Shower Room, and Clean Room for the Decontamination of workers, materials, and equipment contaminated with Asbestos.
- S. Demolition - The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.
- T. DOSH - Division of Occupational Safety & Health or Cal/OSHA
- U. DOT – Department of Transportation
- V. DTSC – Department of Toxic Substances Control
- W. Encapsulating Material - A liquid material applied to Asbestos-containing materials which controls the possible release of Asbestos fibers from the material either by creating a membrane over the surface (bridging agent) or by penetrating into the material and binding its components together (penetrating Encapsulating Material).
- X. Encapsulation - The application of an Encapsulating Material to Asbestos Containing Materials to prevent the release of Asbestos fibers into the air.
- Y. Enclosure - The construction or application of an airtight, impermeable, permanent barrier around Asbestos-containing material to control the release of Asbestos fibers into the air.
- Z. Equipment Decontamination Enclosure System - That portion of a Decontamination Enclosure System designed for controlled transfer of materials and equipment into or out of the Regulated Area.
- AA. Hazardous Waste - Means Friable Asbestos generated and prepared for waste disposal. Does not include non-friable material or materials containing less than one-percent Asbestos as determined by the point counting method.

- BB. Equipment Room - A room within the worker Decontamination Enclosure System with provisions for storage of used clothing and equipment.
- CC. Facility Component – Means any part of a facility including equipment.
- DD. Fixed Object - A piece of equipment, furniture, or improvement in the Work area, which cannot be removed from the Work area.
- EE. Friable Asbestos - Asbestos Containing Material which, when dry, can be crumbled, pulverized or reduced to a powder by hand pressure or as defined by current regulatory rules and/or regulations.
- FF. Glove Bag Technique - A method with limited applications for removing small amounts of Asbestos Containing Material from short piping runs, valves, joints, elbows, and other non-planar surfaces in a Work area. The glove bag assembly is a manufactured or fabricated device consisting of a glove bag (typically constructed of 6 mil transparent polyethylene or polyvinyl chloride plastic), two inward projecting long sleeves gloves, an internal tool pouch, and labeled for Asbestos waste. The glove bag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all Asbestos fibers released during the process. All workers who are permitted to perform the Glove Bag Technique shall be thoroughly trained, experienced, and skilled in this method.
- GG. HEPA Filter - Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 microns in diameter or larger. For respirators this shall include NIOSH rated P-100 cartridges only.
- HH. HEPA Vacuum - A vacuum system furnished with HEPA filtration.
- II. High Volume Vacuum - A vacuum system with the capacity to collect material through a four (4) inch diameter hose a minimum distance of 150 feet. This system shall be furnished with HEPA Filter at the air exhaust port and water applicators within the hopper.
- JJ. Holding Area – An airlock chamber in the equipment Decontamination Enclosure located between the washroom and an uncontaminated area.
- KK. HVAC – Heating, Ventilation, and Air Conditioning System.

- LL. Location Code - Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.
- MM. Lockdown Coat – A material applied to surfaces where asbestos has been completely removed. The manufacturer shall determine the concentration of this material.
- NN. Member – A component part of a structure complete in itself.
- OO. Movable Object - A portable piece of equipment or furniture in the Work area, which can be removed from the Work area.
- PP. NESHAP - National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
- QQ. NIOSH - National Institute for Occupational Safety and Health
- RR. Outside Air - Air outside of buildings and structures.
- SS. Owner Consultant (OC) - Refers to the firm, company or individual designated by the Owner.
- TT. PCM - Phase Contrast Microscopy as it relates to clearance air, personal protection assessment, and ambient air monitoring. This procedure must follow the NIOSH Method 7400, Asbestos Fibers by PCM.
- UU. PLM - Polarized Light Microscopy used for bulk sample analysis with dispersion staining for the determination and quantifying of Asbestos in Bulk Samples building materials.
- VV. Regulated Area - Designated rooms, spaces, or areas of the Project in which Asbestos Abatement actions are to be performed or which may become contaminated as a result of Abatement activities. A contained Work area is a Work area, which has been sealed and furnished with a Decontamination Enclosure System. A non-contained Work area is an isolated or controlled access Work area, which has not been sealed or furnished with a Decontamination Enclosure System.
- WW. Removal – Means all operations where all ACM and/or PACM is removed or stripped from structures or substrates including Demolition.

- XX. Renovation – Means the modifying of any existing structure, facility, or portion thereof.
- YY. SCAQMD – South Coast Air Quality Management District
- ZZ. Shower Room - A room between the Clean Room and the Equipment Room in the worker Decontamination Enclosure furnished with hot and cold running water controllable at the tap, and suitably arranged for complete showering during Decontamination.
- AAA. Staging Area - Either the Holding Area, or other areas near the Waste Transfer Airlock where containerized Asbestos waste is temporarily placed prior to permanent removal from the Work area.
- BBB. Surfactant - A chemical wetting agent added to water.
- CCC. TEM - Transmission Electron Microscopy as defined for Asbestos clearance air monitoring within AHERA. This procedure must follow the NIOSH Method 7402, Asbestos Fibers by TEM.
- DDD. TSI - Thermal System Insulation as defined in AHERA.
- EEE. USEPA or EPA – United States Environmental Protection Agency
- FFF. Visible Emissions - Any emissions from a known or suspected Asbestos material that is visually discernible.
- GGG. Waste Transfer Airlock - A Decontamination system provided for transferring containerized waste from inside to outside of the Work area.

1.03 POLICIES AND PROCEDURES

- A. The Owner has a zero tolerance policy for uncontrolled Asbestos releases during construction or Abatement Work. An Asbestos release requiring an emergency response is any uncontrolled release of Asbestos Containing Construction Materials. The Owner shall be immediately notified of all such uncontrolled releases.

- B. Pre-qualified Asbestos Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.
- C. Where ACM is damaged or disturbed, all Work in that room shall cease, the room vacated immediately, the Owner Consultant notified of the disturbance with corrective action provided as required by the Owner Consultant.

1.04 ROLES AND RESPONSIBILITIES

A. Roles and Functions:

1. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.
2. All Work under this section shall be performed in strict accordance with all applicable Federal, State, and Local regulations, standards, and codes governing Asbestos Abatement and any other Work performed in conjunction with the Abatement Work.
3. The most recent edition of any relevant regulation, standard, document, or code is in effect. Where conflict among the requirements or with this Specification exists, the most stringent requirement shall be provided.

1.05 SITE SECURITY

- A. The Work area shall be restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established by the Owner Consultant prior to commencement of the Work and posted at the entrance of the worker Decontamination System.
- B. Report to the Owner Consultant any unauthorized entry into the Work area. Following notification, a written report of the incident shall be provided to the Owner Consultant.
- C. A logbook shall be maintained at the entrance of the worker Decontamination system. All persons entering the Work area shall record their name, company affiliation, time in, and time out for each entry and exit.
- D. Access to the Work area shall be through the worker Decontamination system. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work area. The only exceptions are the waste-pass out airlock, which shall be sealed except during the Removal of containerized Asbestos waste from the Work area, and emergency exits in case of fire or accident. Emergency

exits shall be operable from inside the Work area, however they shall be sealed with polyethylene sheeting and tape.

- E. Maintain Work area security during Abatement Work. All Work areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. Height shall be as required to safely access Regulated Area. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.
- F. The protective barrier for a High Volume Vacuum shall be a minimum of eight (8) feet in height. Barriers for these systems may be constructed of chain link type fencing instead of the specified barriers. Such fencing, if provided, shall be covered with an opaque covering resistant to environmental conditions. This barrier system shall be maintained at all times while the enclosed equipment is on the Project site.
- G. Unless otherwise specified, remove all barriers upon completion of the Work of this section. Repair and/or replace to original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

- A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner prior to the commencement of Abatement Work.
- B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work site layout, location of emergency exits, and emergency procedures.
- C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat related injury. Develop and provide written procedures and training to all employees.
- D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.

- E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work area.
- F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work area and secure proper medical treatment.
- G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.
- H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.
- I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Equipment Room and one (1) at each corner of workspace areas in excess of 1,000 square feet. All workers shall be trained in the proper operation of fire extinguishers.
- J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the worker Decontamination Enclosure, the waste removal airlock or other alternative exits as required by fire officials.

1.07 LICENSING

- A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended. The Work of this section shall be performed by an entity holding a license with an “ABS” Asbestos Certification as issued by the Contractors State License Board.
- B. The entity performing the Work of this section shall be registered with the Department of Industrial Relations in accordance with the provisions of Section 6501.5 of the California Labor Code.

A. Qualifications:

1. Comply with the provisions of the California Labor Code, Division 5, Part 1, as it pertains to safety in employment and the applicable provisions of Title 8, Chapter 4, Subchapters 1 through 21, California Code of Regulations (CCR) as it pertains to Occupational Safety and Health, and Subchapter 7, Section 5208 Article 4, and Section 1529, Asbestos Regulations.
2. Electrical Work shall be performed as part of the Work of Division 16 and all those who enter a Regulated Area are required to possess a current EPA certification as an Asbestos worker.

B. Abatement Activities:

1. The Asbestos Abatement Work shall be performed by persons who comply with all applicable Federal, State, and local regulations including AHERA certified training.
2. Supply all labor, materials, services, insurance, permits and equipment necessary to perform the Work in accordance with all applicable Federal, State, and Local regulations and this Specification.
3. Collect pre-Abatement air samples. Results shall be submitted prior to commencement of the Work of this section. Include location of Samples, name of air sampling professional, equipment, and methods utilized for sampling and analysis.
4. Submit weekly job progress reports detailing Abatement activities for Projects with schedules that exceed thirty days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air sampling results.
5. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, and weight certificates for all Asbestos waste removed from the Work area during the Abatement process. Weight certificates shall indicate in pounds the net weight of waste disposed from the Project site as indicated on the manifest.
6. Submit copies on a daily basis of the Work site entry logbooks.

7. Submit logs on a weekly basis documenting filter changes on respirators, HEPA Vacuums, HEPA Filtered ventilation units, water filtration units, and other approved engineering controls.
8. Submit results of air sampling data collected during the course of the Abatement Work including Cal/OSHA compliance air monitoring results.
9. Submit results of materials testing conducted during the Abatement Work for purposes of utilization during Abatement activities. (i.e., depth test, substitution materials, etc.)
10. Post at the entrance of the Decontamination Enclosure System a list containing the names, addresses, and telephone numbers of the entity performing the Work of this section, designated Competent Person, the Owner and/or Owner Consultant, the testing laboratory and any other personnel who may be required to access the Work area or perform services during the Abatement Work.
11. For employee review, post at the entry of the Work area a copy of the scope of Work, special conditions, the current standard Specifications, and the applicable prevailing wage.

1.09 SUBMITTALS

- A. Provide in accordance with Division 01 and this section.
- B. Prior to commencement of the Work of this section, submit the following notices, documentation, Shop Drawings, and Product Data:
 1. For Projects involving Asbestos-containing materials 100 square feet or more, provide a typed written notification in accordance with 40 CFR Part 61.146 of Subpart M, to the SCAQMD and the Division of Occupational Safety and Health prior to start of the Work. For Projects within the geographical limits of Los Angeles City, provide an additional notice to the Los Angeles City Fire Department, marked "COURTESY COPY."
 2. Submit to the Owner, satisfactory proof the required permits, site location, and arrangements for transport and disposal of Asbestos Containing Waste materials have been completed in accordance with California Health and Safety Code, Section 25143.7. Obtain and submit a copy of handling procedures and a list of protective equipment utilized for Asbestos disposal at the landfill.

3. Submit to the Owner satisfactory documentation that all employees, including foremen, supervisors, and any other company personnel or agents who may be exposed to airborne Asbestos fibers or who may be responsible for any aspects of Abatement Work, have received adequate training that includes, at a minimum, information as described within this section and as required by AHERA.
4. Prior to commencement of Abatement Work, all personnel required to construct and enter the Work area or handle containerized Asbestos-containing materials shall have received adequate training, in accordance with the requirements of this Specification and by 40 CFR, Part 763, Subpart E (AHERA) and Title 8, Section 1529, of the California Code of Regulations applies.
5. Special Project site training for equipment and procedures unique to this Project site shall be provided as required.
6. Training in emergency response and evacuation procedures shall be provided to all personnel performing Work of this section.
7. Submit documentation from a physician certifying that all employees are medically monitored and are physically capable of working while wearing the required respiratory protection without suffering adverse health effects as required by California D.O.S.H. regulations. The certification shall state that the employee or agent is approved to work with Asbestos and wear a respiratory protection without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact on the employee's ability to perform Abatement Work activities.
8. Submit Shop Drawings for layout and construction of Decontamination Enclosure Systems and barriers for isolation of the Work area as detailed in this Specification and required by applicable regulations.
9. Submit manufacturer's certification that HEPA Vacuums, air filtration units, and other local exhaust ventilation equipment complies with ANSI Z9.2-79.
10. Submit Product Data verifying that all air filtration devices (i.e., air filtration units and vacuums) have been registered or certified, as applicable, in compliance with the SCAQMD.
11. If rental equipment is to be furnished in Abatement Work areas or to transport Asbestos contaminated waste, written notification concerning the

intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.

12. Document NIOSH approvals for all respiratory protective devices furnished for the Work. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters.
 13. Submit documentation of respirator fit testing for all employees and agents entering the Work area. This fit testing shall be performed in accordance with DOSH regulations.
 14. Submit a Sample of all forms to be used in documenting required items to be submitted and/or reviewed.
- C. Provide all other required submittals specified as part of the Work of this section.

1.10 PRE-ABATEMENT MEETING

- A. Attend a meeting to be held prior to the commencement of Abatement Work. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site Competent Person for the Abatement Work.
- B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:
1. Preparation of Work area and Shop Drawings.
 2. Personal protective equipment, including respiratory protection and protective clothing.
 3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
 4. Decontamination procedures for personnel, Work area, and equipment.
 5. Abatement methods and procedures to be provided.
 6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory and SCAQMD requirement).
 7. Procedures for handling and disposing of waste materials, including disposal facility.
 8. Procedures for final Decontamination and cleanup.
 9. A sequence of Work activities and performance schedule.
 10. Procedures for dealing with heat stress.
 11. Emergency procedures.

1.11 CLOSE OUT DOCUMENTATION

A. Provide the following close out documentation:

1. Filter change logs for all air filtration units, water filtration units and respirators.
2. Foreman's daily job reports.
3. Employee entry/exit logs for all containment.
4. Visitor entry/exit logs for all containment.
5. Manometer printout reports for all applicable containment.
6. Air sample results for personnel, Work areas and air filtration units.
7. Copies of all hazardous and non-Hazardous Waste manifests.
8. All Hazardous Waste weight tickets.
9. All signed Daily Personnel Report Forms.
10. Signed code of conduct form from each employee working on a Project.
11. Signed Asbestos Abatement Project Personnel Logs.

B. Receipt of the last workday attendance log and the daily personal monitoring results shall be submitted within (2) two days upon completion of the Work of this section.

PART 2 – PRODUCTS

2.01 Materials and Equipment:

A. Materials

1. General:

- a. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.
- b. Store all materials subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work area until area is cleared for normal occupancy.
- c. Damaged, deteriorating or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.
- e. A sufficient supply of disposable mops, rags, and sponges for Work area Decontamination shall be provided.

- f. Unless otherwise specified, the Owner will provide water and power for construction purposes. Connect to existing system as required.

2. Asbestos Related:

- a. All plastic, polyethylene sheeting or visqueen shall be a fire-retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.
- b. A minimum of two layers of 4-mil polyethylene sheeting shall be installed for walls. For floors and all other installations, polyethylene sheeting of at least 6-mil thickness shall be furnished in sufficient widths to minimize the frequency of joints.
- c. Method of attaching polyethylene sheeting shall be reviewed prior to installation and/or commencement of Abatement Work. Method of attaching polyethylene sheeting shall not cause damage to equipment, finish surfaces, or other property.
- d. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.
- e. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by SCAQMD and applicable Cal/OSHA and DOT requirements.
- f. Apply labels as per SCAQMD, Cal/OSHA, and DOT requirements for disposal containers.
- g. Provide warning signs as required by CAL/OSHA.
- h. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56- "Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work area temperature may cause freezing of the Amended Water solution, the addition of an approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment

1. General:

- a. All equipment delivered to the Project site shall be free of all Asbestos and/or fibrous debris. No equipment with Asbestos and/or fibrous debris in or on it is permitted on Owner properties.
- b. Provide sufficient lighting to illuminate the Work area for safe visual working conditions and to clearly examine all surfaces.
- c. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools that meet all applicable Federal, State, and local regulations.
- d. Provide non-metallic dustpans, squeegees, and shovels for cleanup.

2. Asbestos Related:

- a. A sufficient quantity of air filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be furnished to provide one workplace air change every 15 minutes creating a pressure differential of 0.02 inches of water everywhere within the Enclosure when compared to the pressure outside the Enclosure. For small Enclosures and glove bags, a HEPA Filtered vacuum system may be furnished to provide the pressure differential. A log documenting the filter change history of each unit is required before use. Any unit without this log shall have all filters changed and the unit decontaminated.
- b. Provide a printable manometer for determining and recording the pressure differential within the isolated Work area as compared with the ambient environment. A printed record is required for the duration of the Project. The manometer shall operate 24 hours per day with a printed differential reading not to exceed fifteen (15) minute intervals.
- c. High volume vacuum equipment shall be provided during all soil Removal operations unless otherwise specified.
- d. Provide sprayers with pumps in a quantity capable of providing Amended Water in sufficient quantities to adequately wet materials to be abated.

- e. Non-skid footwear shall be worn by all Abatement workers. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.
- f. Provide additional safety equipment to all workers and authorized visitors.
- g. When disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a sheet of plywood no smaller than 4' X 4' X 3/4" minimum.

2.02 EMPLOYEE PERSONAL PROTECTION EQUIPMENT

A. Respiratory Protection:

- 1. Respirators shall be provided for protection from particulate contaminants as required by the National Institute of Occupational Safety and Health.
- 2. The respirators provided shall furnish a maximum protection factor no less than the fiber concentration of the Work area. When powered air purifying respirators are provided, a sufficient supply of charged replacement batteries, filters, and a flow test meter shall be provided in the Clean Room area. Air purifying respirators with dual HEPA Filters may be provided during Work area preparation activities.
- 3. Provide spectacle kits and eyeglasses for employees who wear glasses and must wear full-face respirators.

B. Fit Testing:

- 1. Workers must perform positive and negative air pressure fit tests each time a respirator is donned, whenever the respirator design so permits. Powered air purifying respirators shall be tested for adequate flow as specified by the manufacturer.
- 2. Workers shall be undergo a qualitative fit test in accordance with procedures detailed in the D.O.S.H. requirements for all respirators to be provided for this Abatement Project. An appropriately administered quantitative fit test may be substituted for the qualitative fit test.
- 3. Documentation of adequate respirator fit must be provided to the OC.
- 4. No one wearing a beard shall be permitted to don a respirator and enter the Work area.

5. A minimum of two additional respirators of each type and training on their donning and use must be provided at the Work site for authorized visitors required to enter the Work area.

C. Protective Clothing:

1. Full body disposable protective clothing, including head, body, and foot coverings, shall be provided to all workers and authorized visitors in sizes adequate to accommodate movement without tearing.
2. Disposable clothing including head, foot, and full body protection shall be provided in sufficient quantities and adequate sizes for all workers and authorized visitors.
3. A new suit shall be donned upon each entry to the Abatement Work area.
4. Hard hats, protective eye wear, gloves, rubber boots and/or other footwear shall be provided as required for workers and authorized visitors. Safety shoes may be required and shall be provided.

PART 3 - EXECUTION

3.01 WORK AREA PREPARATION AND ABATEMENT PROCEDURES

A. Work Area Preparation

1. Shut down and lock out all heating, cooling and air conditioning systems (HVAC) components that are located in, supply, or pass through the Work area. Seal all intakes and exhaust vents in the Work area with tape and 6-mil polyethylene. Seal all seams in any system components that pass through the Work area.
2. Provide and post signs at all locations and approaches to the Regulated Area. The signs shall comply with Cal/OSHA regulations.
3. In conjunction with the Owner, shut down and lock out/tag out electric power to all Work areas. Provide equipment for temporary power with ground fault interrupters and lighting sources. Temporary power sources and equipment shall comply with all applicable electrical code requirements and Cal/OSHA requirements for temporary electrical systems. The Owner shall perform all electrical connections of electrical cable and equipment provided as part of the Work of this section to existing Owner systems. The Owner shall pay for the costs of electric power consumed during performance of the Work of this section, unless otherwise noted.

4. Clean and seal off all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights, and any other openings between the Work area and areas outside of the Work area with 6-mil polyethylene sheeting and tape prior to proceeding with required cleaning.
5. Clean all Movable Objects within the Work area with a HEPA Filtered vacuum and wet cleaning methods. After cleaning, these objects shall be removed from the work area and carefully stored in a location designated by the Owner.
6. Clean all Fixed Objects in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Careful attention shall be given to machinery behind grills or gratings where access may be difficult but contamination is present. Cleaning of walls, floors, and ceilings behind fixed items is required. After cleaning, enclose Fixed Objects in 6-mil polyethylene sheeting and seal securely in place with durable tape.
7. Clean all surfaces in the Work area with a HEPA Filtered vacuums and wet cleaning methods. Do not utilize any methods, such as dry sweeping or vacuuming, with equipment not furnished with HEPA Filters thereby creating airborne dust and particulates. Do not disturb Asbestos Containing Materials during this cleaning phase.
8. Floors shall be covered with two layers of 6-mil (minimum) polyethylene sheeting. Additional layers of sheeting may be furnished as drop cloths for cleanup of bulk materials.
9. Polyethylene sheeting shall be sized and installed to minimize seams. If the floor area to be covered requires seaming, seams on successive layers of polyethylene sheeting shall be staggered a minimum of six feet between each seam to reduce the potential for water penetration into the existing flooring. Do not install seams at the junction between a wall and floor.
10. Polyethylene sheeting installed on a floor shall extend at least 12 inches up the sidewalls of the Work area.
11. Polyethylene sheeting shall be installed so as to prevent slippage between successive layers of installed material.
12. Walls shall be covered with two (2) layers of 4-mil minimum thickness polyethylene sheeting.
13. Polyethylene sheeting installed on a wall shall overlap floor sheeting by at least 12 inches beyond the wall/floor joint to provide a seal against water damage.

14. Polyethylene sheeting installed on a wall shall be adequately fastened to prevent it from falling away from the walls. Provide additional support/attachment when air filtration ventilation systems are provided.
15. Provide one (1) layer of 3-mil maximum, polyethylene sheeting (non-fire retardant type for isolation of fire sprinkler devices. Installed taping shall not impede the normal function of the fire sprinkler device. Approved wire sprinkler guards shall be furnished in conjunction with isolation.
16. Install and operate air filtration equipment to provide one air change in the Work area every 15 minutes. Openings made in the Enclosure System to accommodate these units shall be made airtight with durable tape and/or caulking as needed. If more than one unit is installed, they shall be turned on one at a time, checking the integrity of all barriers after each unit is started. Insure that adequate power supply is available to satisfy the requirements of the air filtration units. Exhaust from these units shall be directed to the outside of the building whenever feasible. They shall not be exhausted into occupied areas of the buildings. Exhaust duct shall be extended from the Work area to the outside as required. Careful installation and daily inspections shall be performed to verify the exhaust ducts do not discharge into any areas of the building.
17. Once the Enclosure system is constructed and reinforced with air filtration units in operation as required, test the Enclosure for leakage utilizing smoke tubes. Repair, replace or reconstruct as required.
18. Following completion of the construction of all polyethylene barriers and Decontamination Enclosure System, operate the air filtration units overnight to insure the barriers will remain intact and secured to walls and fixtures before beginning actual Abatement Work.
19. Commencement of the Work of this section shall not occur until:
 - a. The entire containment system has been constructed and inspected in accordance with the required Shop Drawings.
 - b. Air filtration units are functioning within the requirements of this section.
 - c. All pre-Abatement submittals, notifications, postings, and permits have been provided and reviewed by the Owner Consultant.
 - d. All equipment for Abatement, Decontamination, and disposal are on the Project site.
 - e. All worker training, respirator fit testing, and medical surveillance has been provided and reviewed by the Owner Consultant.
 - f. A Notice to Proceed is transmitted by the Owner.

DECONTAMINATION ENCLOSURE SYSTEM

- A. Decontamination Enclosure Systems shall be provided at all locations where workers will enter or exit the Work area prior to any other set up. Only one system at a single location for each Regulated Area is required. At least one individual shall be stationed at the entrance of each system at all times Work is in progress.
- B. These systems may consist of existing rooms outside of the Work area, if the layout permits, and that can be enclosed in polyethylene sheeting, and are accessible from the Work area. If this intended layout is not feasible, given existing site conditions, Enclosure systems may be constructed out of metal, wood, or plastic support as required.
- C. Decontamination Enclosure Systems constructed at the Project site shall be furnished with 6-mil opaque white or black polyethylene sheeting or other reviewed materials for privacy. Detailed descriptions of portable, prefabricated units, if furnished, shall be submitted for review. Shop Drawings must include floor plan with dimensions, materials, size, thickness, plumbing, and electrical utilities.
- D. The system shall consist of at least a Clean Room, a Shower Room, and an equipment room, each separated from the other, from the Work area and from the non-Work area by "Z-flaps" at a minimum. The system shall be furnished with, at a minimum, two (2) layers of 6-mil polyethylene sheeting on the floors and walls.
- E. Clean room shall be of adequate size to accommodate the Abatement crew. Clean work clothes, clean disposable clothing, replacement filters for respirators, disposable towels, and other necessary items shall be provided for in adequate supply adjacent to the Clean Room. A location for posting notices shall also be provided adjacent to this area. When required, a lockable door shall be furnished to control access into the Clean Room from outside the Work area. Comfort lighting, heat, and electricity shall be provided as required. This space shall not be used for storage of tools, equipment, materials, or as office space.
- F. Shower room shall contain one or more showers as required to adequately accommodate workers. Each showerhead shall be supplied with hot and cold water adjustable at the tap. The shower Enclosure shall be constructed to ensure against any kind of leakage. Provide an adequate supply of soap, shampoo, and disposable towels, available at all times. Shower water shall be drained, collected, and progressively filtered through a system achieving a maximum particle size of 1.0 microns.
- G. The Equipment Room shall be used for storage of equipment and tools at the end of a shift. These shall have been cleaned using a HEPA Filtered vacuum and wet cleaning methods. A container lined with a labeled 6-mil polyethylene bag for

collection of disposable clothing shall be located in this room. Reusable footwear shall be stored in this area after being cleaned.

3.03 WASTE CONTAINER REMOVAL AIRLOCK AND EMERGENCY EXITS

- A. The waste container pass-out airlock shall be constructed away from the Decontamination Enclosure System. This airlock shall be in a location that provides direct access from the Work area to the outside of the building if possible.
- B. This system shall consist of an airlock, container Staging Area, and another airlock providing access to outside the Work area.
- C. The waste container airlock shall be constructed in similar fashion with similar materials as the Decontamination Enclosure System.
- D. This airlock system shall not be used to enter or exit the Work area.

3.04 ALTERNATIVE PROCEDURES

- A. Soil Removal
 - 1. All required Abatement shall be performed prior to soil Removal.
 - 2. If soil Removal is specified, all debris within or upon the soil shall be considered part of the soil and shall be removed as a contaminated waste. Debris includes, but is not limited to, fabric, paper, and other fibrous or porous materials.
 - 3. It is not the intention of this section to require the Removal of large rocks, abandoned non-Asbestos-containing pipe, lumber and similar debris. If these types of conditions are encountered, clean and encapsulate these materials in place instead of removing them as a contaminated waste, provided Asbestos contamination is not ingrained within and/or affixed to them.
 - 4. Soil shall be removed with a High Volume Vacuum system. Soil shall be removed to the hard pan unless otherwise specified or required.
 - 5. After soil Removal has been completed, the Owner Consultant shall inspect the Work. Approval of the Removal Work is required prior to lock down and Encapsulation.
 - 6. When soil requires Encapsulation following Asbestos Removal, including but not limited to, High Volume Vacuum removal, a continuous even coat

of encapsulating material shall be applied at the rate of no more than fifty (50) square feet per gallon.

B. Other:

1. All High Volume Vacuum systems shall be provided with an Enclosure constructed at the waste discharge port. This Enclosure shall be of sufficient size to accommodate the workers and disposal containers necessary for the Project. The Enclosure shall be constructed of one (1) layer, 6-mil minimum, of polyethylene sheeting. An air filtration unit shall be furnished during operation of the High Volume Vacuum.
2. Where pipe insulation is to be removed in a crawl space and/or attic space a single layer of 6-mil polyethylene sheeting with a minimum width of four (4) feet shall be placed centered under the Removal surfaces.
3. If specified procedures cannot be furnished, a written request shall be provided to the Owner outlining details of the problem encountered and recommended alternative solutions.
4. Alternative procedures shall provide equivalent or greater protection than the specified and/or required procedures.
5. Any alternative procedure requires the written approval of the Owner prior to implementation.

3.05 WORKPLACE ENTRY AND EXIT PROCEDURES

- A. Before entering the Regulated Area all personnel shall read and be familiar with all posted regulations, personal protection requirements, and emergency procedures. A signature sheet shall be posted for signatory acknowledgement these have been reviewed and understood by all personnel prior to entry.
- B. All workers and other authorized personnel shall enter the Work area through the Decontamination Enclosure System.
- C. All personnel who enter or exit the Regulated Area shall sign the entry and exit log located adjacent to the Clean Room.
- D. All personnel shall proceed first to the Clean Room, don respirator, and washable and/or disposable clothing.
- E. General construction area equipment including, but not limited to, hard hats, eye protection, and gloves shall also be provided as required. Clean respirator and

cartridges, and protective clothing shall be provided and utilized by each person for each separate entry into the Regulated Area.

- F. Before leaving the Regulated Area all personnel shall remove gross contamination from the outside of respirators and protective clothing by vacuuming and/or wet wiping methods. Each person shall clean bottoms of protective footwear just prior to entering the Equipment Room.
- G. Personnel shall proceed to Equipment Room where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers.
- H. Still wearing respirator, personnel shall proceed to the shower area, clean the outside of the respirators and the exposed face area under running water prior to removal of respirator then shower and shampoo to remove residual Asbestos contamination. Various types of respirators will require slight modification of these procedures. A powered air purifying respirator face piece will have to be disconnected from the filter/power pack assembly when such is not waterproof, upon entering the shower. A dual cartridge respirator may be worn into the shower and cartridges shall be replaced for each new entry into the Work area.
- I. After showering and drying off, proceed to the Clean Room and don clean clothing.
- J. At no time shall any personnel exit a Work area without being completely dressed. Any violation of this requirement will result in the permanent removal of the person from the Project site.

3.06 REMOVAL PROCEDURES

- A. Brushes furnished for removing loose Asbestos Containing Material shall be furnished with nylon or fiber bristles. Metal or wire brushes are not permitted.
- B. A sufficient supply of HEPA Filtered vacuum systems shall be provided during cleanup.
- C. All barriers constructed to isolate the Regulated Area from other areas shall be inspected at least three times per shift; prior to the start of Abatement activities; half way into the shift; and following the completion of the Abatement activities at the end of the shift. Inspect and document observations in the daily Project log.
- D. Damage and defects in the Enclosure system shall be repaired immediately upon discovery.
- E. At any time during Abatement Work, following barrier installation, if visible debris is observed outside of the Regulated Area or damage occurs to the barriers,

stop Work immediately. Repairs shall be performed to the barriers and debris/residue shall be cleaned up with appropriate HEPA Vacuuming and wet wiping methods. These incidents shall be recorded in the daily Project log.

- F. If air samples collected outside of the Work area during Abatement Work indicate airborne fiber concentrations greater than 0.01 f/cc or the pre-measured background levels (whichever is lower) Work shall stop immediately. An inspection and repair of barriers shall be performed as required. Surface cleaning with HEPA Vacuums and wet wiping methods of areas outside of the Work area may be required by the Owner. Findings, observations, and corrective actions shall be documented in the daily Project log.

3.07 ENCAPSULATION AND BRIDGING AGENTS

- A. Clean and isolate the Work area in accordance with "Work Area Preparation" of this Section.
- B. Repair damaged and missing areas of existing materials with non-Asbestos containing substitutes. Material shall adhere adequately to existing surfaces and provide an adequate base for application of Encapsulating Material. Filler material shall be installed in accordance with manufacturers recommended specifications.
- C. Remove loose or hanging Asbestos Containing Materials in accordance with the requirements of "Removal Procedures" in this Section.
- D. All lockdown and Encapsulating Material, and bridging agents shall be reviewed by the Owner Consultant prior to the commencement of the Work of this section.
- E. Encapsulating Material shall be sprayed applied with airless spray equipment. Nozzle pressure shall be adjustable within a range of 400 to 1500 PSI.
- F. Lock down coat shall be spray applied with low pressure providing a continuous even coat.
- G. Bridging agents shall be a palm or brush grade.
- H. All colorless lock down materials, Encapsulating Material, and bridging agents shall be furnished with a color additive. A different color shall be furnished for each separate coat of applied material.
- I. Install penetrating type Encapsulating Material to penetrate existing sprayed Asbestos materials to a depth as required.

- J During installation of the penetrating type Encapsulating Material, remove selected random core samples of the Asbestos Containing Materials in the presence of the Owner Consultant to verify depth of penetration.
- K. Lock down coating and Encapsulating Material for installation on hot water, steam, or any other high temperature equipment shall be manufactured and recommended for installation on high temperature systems.

3.08 CLEAN UP PROCEDURES

A. Asbestos Clean Up Procedures:

1. Reusable footwear and kneepads shall be stored in the Equipment Room when not in the Work area. Upon completion of Abatement Work, these shall be disposed of as Asbestos contaminated waste or may be decontaminated at the completion of Abatement Work.
2. Remove and containerize all visible accumulations of Asbestos-containing material and Asbestos contaminated debris with rubber dustpans and rubber squeegees. Do not furnish or allow the use of metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to flooring materials.
3. Remove all containerized waste from the Work area and the waste container airlock.
4. Wet wipe all surfaces in the Regulated Area with unused rags, mops, and sponges as appropriate.
5. After cleaning remove the top layer of polyethylene sheeting from walls and floors.
6. Clean the second layer of polyethylene sheeting by wet wipe and HEPA Vacuuming. Windows, doors, HVAC system vents, and all other critical seals shall remain sealed until the Work area passes final clearance. The air filtration units shall remain in continuous operation and the Decontamination Enclosure System(s) shall remain in place and be utilized.
7. Decontaminate all tools and equipment and remove at the appropriate time in the cleaning process.
8. Provide notification to the Owner at least one (1) day in advance when Work will be completed and ready for final visual inspection. If, upon inspection, Work is not completed or the area does not pass final visual inspection, finish or correct the Work as required before again notifying

the Owner. Subsequent inspections shall commence not later than one (1) day following notice.

9. The Owner Consultant shall inspect the Work area for visible residue. If residue is observed, it shall be deemed to contain Asbestos and the cleaning process shall be repeated. The lock down coat shall be installed only after inspection by the Owner Consultant and during non-school hours.
10. The second layer of isolation shall only be removed after the Owner Consultant inspects the lock down coat or installed Encapsulation, but in no case prior to overnight drying of lock down coat or Encapsulation.
11. Following completion of air clearance monitoring the remaining barriers shall be removed and properly disposed of. A final visual inspection by the Owner Consultant shall be performed to verify that no contamination remains in the Work area. Unsatisfactory conditions may require additional cleaning and air monitoring.

3.09 WASTE HANDLING AND TRANSPORTATION

A. Asbestos Waste Handling

1. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of Asbestos Containing Waste shall be removed and transported to the prearranged disposal location.
2. Waste disposal shall occur at an authorized site in accordance with regulatory requirements of NESHAP and applicable State and Local regulations.
3. Once the drums, bags, and/or wrapped components have been removed from the Work area, they shall be loaded into an enclosed truck for transportation.
4. Personnel loading Asbestos waste shall be protected with disposable clothing and at a minimum half-face, air purifying, dual cartridge respirators furnished with HEPA Filters.

3.10 TRANSPORTATION OF NON HAZARDOUS WASTE

- A. All waste shall be containerized, labeled, and transported in accordance with federal, state, and local regulations as required.
- B. All waste shall be transported under cover a non-Hazardous Waste manifest.

- C. All containers shall be enclosed at all times during transportation.

3.11 TRANSPORTATION OF HAZARDOUS WASTE

- A. All dump receipts; trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. As the material and responsibility for the material changes hands, the generator or designee, the transporter(s), and the Disposal Site Operator shall sign the Uniform Hazardous Waste Manifest. If a separate waste hauler is employed, the name, address, U.S.E.P.A. ID number, and signature of the transporter shall also be affixed onto the manifest.
- B. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6 mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the sidewalls. Wall sheeting shall be overlapped and taped into place.
- C. Drums shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural components shall be secured to prevent shifting, with bags placed on top.
- D. All access openings on large metal containers, which are used for storing or transporting Asbestos waste, shall have doors and tops that can be closed and locked. Materials not properly bagged shall not be placed in these containers or shall these containers be used for non-Asbestos waste. Bags shall be placed, not thrown, into these containers to avoid damage.

3.12 MONITORING

- A. Abatement Project Management and Inspection:
 - 1. Owner has the right to perform air and performance monitoring at any time
 - 2. The Owner has unlimited access to the regulated and surrounding areas at all times during progress of the Work, including, but not limited to, use of ladders, scaffolds, and other equipment as required to gain access to the Work surfaces.
- B. Work Area Monitoring:
 - 1. Visual inspections and air testing may be performed at any time during the progress of the Abatement Work. Provide corrective measures as required

to maintain the Work area in compliance with this Specification and all regulatory requirements.

C. Contractor's Employee – Personal Air Monitoring:

1. Provide air monitoring as required California Code of Regulations, Title 8, Section 1529. Results shall be provided to the Owner Consultant within 10 working days of sampling.

D. Clearance Air Monitoring:

1. Following the completion of clean up operations, lock down coat application, and visual inspection by the Owner, clearance air monitoring shall be performed by the Owner Consultant.
2. The Owner Consultant shall arrange for sampling of the air in the Work area for airborne fiber concentrations. Unauthorized interference or tampering with air sampling equipment may result in termination of the Contract.
3. If air-sampling results are within the limits of 40 CFR, Part 763, Subpart E (AHERA), the Work area shall be released for occupancy.
4. Areas failing clearance monitoring shall be cleaned as required in subsection 3.08, CLEAN UP PROCEDURES, and tested until satisfactory levels are provided in accordance with this Specification. Should it be determined by the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

3.13 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

- A. Reestablishment of the Work area shall only occur following the completion of final inspection and clearance air monitoring.
- B. All critical barriers shall be removed at this time.
- C. Accompanied by the Owner Consultant, visually inspect the Work area for any remaining visible residue. Evidence of contamination will require additional cleaning requirements.
- D. Install and secure Moveable Objects.
- E. Relocate Moveable Objects that were removed to temporary locations back to their original positions.

- F. Reestablish HVAC, mechanical, and electrical systems to the condition prior to commencement of the Work of this section.
- G. Repair all areas of damage deemed to be a result of the Abatement Work.
- H. Restore the Work area and auxiliary areas utilized during the Abatement to conditions equal to or better than original. Any damage caused during the performance of Abatement Work, including, but not limited to, damage caused by tape, adhesive, staples, nails, water, Encapsulating Material, or any other material shall be repaired as required.
- I. Prior to occupancy of a space following clearance monitoring, all HVAC systems filters associated with the Work area shall be removed and disposed of as Asbestos waste. Decontaminate filter assembly and surrounding area with HEPA Vacuums and wet cleaning methods.

END OF SECTION

Attachment A



**SCOPE OF WORK
FOR ASBESTOS-CONTAINING MATERIALS ABATEMENT**

Finley Elementary School

Project: Finley Elementary School	Date: August 16, 17, 18, & 21, 2023
Address: 13521 Edwards Street, Westminster, California 92683	

The project covered by this Scope of Work includes the removal, handling, and disposal of asbestos-containing materials in accordance with the attached Westminster School District Specifications for Asbestos Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This Scope of Work includes the above-referenced standard specifications and cannot be used separately. In case of conflict between this Scope of Work and the attached standard specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on site during the abatement work.

I Summary of Work

Remove and dispose of asbestos-containing materials (ACM) in advance of the upcoming renovation project at the above-referenced site. The scope of work as indicated by Westminster School District is a limited site survey and includes the specified buildings.

II Submittals

Pre-job Submittals (as designated)

X	SCAQMD Notification per 1403 (10 working days in advance)
X	Cal-OSHA Notification per 8 CCR 1529 (24 hours in advance)
X	Copy of current state contractor licensing board license
X	Abatement work schedule
X	Copies of workers' asbestos training certificates, including supervisor
X	Copies of workers' annual medical exam, including respirator approval
X	Copies of workers' 12-month respirator fit-test records
X	SCAQMD permits for HEPA equipment (e.g., negative air machines and vacuums)
X	Material Safety Data Sheets (MSDS) for all chemicals to be used
X	Emergency phone and pager numbers

On-going Submittals (as designated)

X	Personal air monitoring results
X	Updated worker documentation (as needed)
X	Work area access logs (daily)
X	Negative air pressure (manometer) records (each shift)
X	Copies of updated regulatory notifications (as needed)

Project Completion Submittals (within 2 weeks of project completion, as designated)

X	Certificate of Completion
X	Landfill weight ticket and receipt
X	Copies of completed waste manifests
X	Personal air sampling results

III Schedule

Start Date:	To be announced
End Date:	To be announced
Maximum Abatement Shifts:	To be announced
Time Frame:	To be announced

IV Project Contacts

Company	Name	Phone Number
Westminster School District	Brian Johnson	(714) 264-4036
Patriot Environmental Laboratory Services, Inc.	Fernando Najera	(714) 899-8900

V Site Access

Arrange site access with Westminster School District at project commencement.

VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of abatement work in accordance with the project schedule.

VII Scope of Work

Asbestos Abatement

Area 1:	Buildings R1-3, R4-6, R8-10, Speech, R18-20, and R21-23
Method:	Full-Containment
Material:	Black/Yellow Flooring Mastic
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	3% Chrysotile
Approx. Quantity to be Impacted*	11,250 SF
Location:	Classrooms K1, K2, 3, Speech, R5, R6, R8, R10, and R17-R23 Floors Under Carpet
Comments:	Remove flooring material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 2:	Admin Building, Building R 4-6, R18-20, and R21-23
Method:	Open Wet Methods
Material:	Gray Window Putty
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	2% Chrysotile
Approx. Quantity to be Impacted*	460 SF
Location:	Exterior Windows Throughout
Comments:	Remove window putty material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.

Area 3:	Admin Building, R8-10, R11-14, R15-17, R18-20, & R21-23
Method:	Open Wet Methods
Material:	Tan Stucco
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	<0.1-1.1% Chrysotile
Approx. Quantity to be Impacted*	5,800 SF
Location:	Exterior Overhangs Throughout
Comments:	Remove tan stucco material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 4:	Admin Building, R1-R3, R8-10, R15-17, R18-20, & R21-23
Method:	Full-Containment
Material:	TSI Elbows
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	15-30% Chrysotile 10-25% Amosite 5-15% Crocidolite
Approx. Quantity to be Impacted*	68 SF
Location:	Attic Space
Comments:	Remove TSI material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 5:	Admin Building, R1-R3, R8-10, R15-17, R18-20, & R21-23
Method:	Full-Containment
Material:	TSI Pipe Run
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	10-20% Chrysotile 20-30% Amosite 5-10% Crocidolite
Approx. Quantity to be Impacted*	1,104 SF
Location:	Attic Space
Comments:	Remove TSI material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 6:	Building R1-3, R8-10, R15-17, R18-20, & R21-R23
Method:	Full-Containment
Material:	Tan Vibration Collar
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	Assumed
Approx. Quantity to be Impacted*	120 SF
Location:	Attic Space HVAC Unit
Comments:	Remove Tan Vibration Collar material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 7:	Building R15-R17, Admin Building
Method:	Full-Containment
Material:	Black/Green/Yellow Flooring Mastic
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	3% Chrysotile
Approx. Quantity to be Impacted*	1340 SF
Location:	Classroom R17 Floor Under Carpet, Principal's Office, Nurse's Office, and Mail Room Floors
Comments:	Remove flooring material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 8:	Building R15-R17
Method:	Full-Containment
Material:	Black Mastic
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	5% Chrysotile
Approx. Quantity to be Impacted*	1800 SF
Location:	Classroom R16 and R15 Floors
Comments:	Remove flooring material adequate to accommodate the renovation Project. Perform all work within a negative pressure containment using wet methods, in accordance with attached specifications.

Area 9:	Building R18-R21 and Admin Building
Method:	Full-Containment
Material:	Black Mastic
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	3% Chrysotile
Approx. Quantity	890 SF

to be Impacted*	
Location:	Classroom R10, Principal's Office, Nurse's Office, and Mail Room Floors
Comments:	Remove flooring material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.

Area 10:	Building Admin Building
Method:	Full-Containment
Material:	Skim Coat
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	<1-0.4% Chrysotile
Approx. Quantity to be Impacted*	1,970 SF
Location:	Reception, Janitor's Closet, Principal's Office, Reception, and Nurse's Office Walls
Comments:	Remove wall material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.

Area 10:	Building R1-3, R4-R6, R8-10, R11-14, R15-17, R18-20, & R21-R23
Method:	Full-Containment
Material:	Whiteboard
Cal-OSHA Abatement Activity Class	I
Percent Asbestos	Assumed
Approx. Quantity to be Impacted*	1,400 SF
Location:	Classrooms R1-R21
Comments:	Remove whiteboard material adequate to accommodate the upcoming renovation Project. Perform all work using wet methods, in accordance with attached specifications.

***Note: The quantities of asbestos containing material in this scope of work are approximate. It is the responsibility of the abatement contractor to verify the actual quantities of materials to be abated during their demolition drawing review and the job walk for preparation of their bid.**

VIII Monitoring and Clearance Requirements

Area	Inspection	Air Clearance Type and Number
2,3	Visual	PCM work area and perimeter progress air monitoring
1,4,5,6,7,8,9,10	Visual	5 PCM per each work area where asbestos abatement is less than 160 s.f. or 260 l.f. otherwise TEM will be required.

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**Specifications for
Asbestos Abatement Work at
Finley Elementary School
13521 Edwards Street
Westminster, CA 92683**

**September 7, 2023
Patriot Project No. OC164900
PO No. T6000763**

**Prepared For
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683**

**Prepared By
Patriot Environmental Laboratory Services, Inc.
1041 S. Placentia Avenue
Fullerton, California 90230**

SECTION 01005

LEAD ABATEMENT AND LEAD RELATED CONSTRUCTION WORK PART 1 – GENERAL

1.01 SUMMARY

A. Section Includes:

1. Abatement, Lead Related Construction Work, or painting of lead-containing materials and/or Lead Based Paint.
2. Removal and Transportation and disposal of lead-containing materials and/or Lead Based Paint.
3. **Attachment A.**

B. Regulatory Requirements shall include, but not be limited to:

1. Cal/OSHA Title 8, California Code of Regulations (CCR)
2. California Air Resources Board Ambient Air Quality Standard, Title 24 CCR
3. California Department of Public Health, Title 17, CCR
4. Cal/EPA, Title 22 CCR
5. California Labor Code, Division 5, Part 1, as it pertains to safety in employment and with the applicable provisions of the Title 8, CCR as it pertains to Occupational Safety and Health in the work place.
6. HUD – Title X, Residential Lead-Based Paint Hazard Reduction Act of 1992
7. Los Angeles County Public Health Code (Chapter 11)

1.02 SECTION DEFINITIONS AND ACRONYMS

- A. AAS - Atomic Absorption Spectrophotometry used for lead paint chip and dust wipe sample analysis.
- B. Abatement – Any set of measures designed to reduce or eliminate lead hazards or Lead Based Paint for public and residential buildings, but does not include containment or cleaning.

- C. Action Level – Means the Action Level as defined in Title 8, California Code of Regulations, Section 1532.1.
- D. ANSI – American National Standards Institute
- E. ASTM – American Society for Testing and Materials
- F. Building ID number or code – A six digit alphanumeric identification code assigned to each building on an Owner site, also referred to as the insurance code, ID number or similar terms.
- G. Certificate – Means the document issued by DPH to an individual meeting the certification requirements as described in CCR Title 17, Sections 35083, 35085, 35087, 35089, or 35091.
- H. Clean Room – An uncontaminated area or room which is a part of the worker Decontamination Enclosure System with provisions for storage of worker's street clothes and clean protective equipment.
- I. Clearance Inspection – Means visual examination and, as applicable, collection of environmental samples upon completion of the Work of this section.
- J. Component – Means a structural element or fixture, including but not limited to, walls, floors, ceilings, doors, window molding, trim, trestles, tanks, stairs, railings, cabinets, gutters, or downspouts.
- K. Curtained doorway – A device to allow ingress and egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an exiting or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along one vertical side of the doorway and securing the vertical edge of the other sheet along the opposite vertical side of the doorway. Other effective designs may be submitted for review.
- L. Decontamination – The process of eliminating lead contamination from building surfaces, and property by cloths, mops, or other utensils dampened with water and disposed of as lead contaminated waste.

- M. Decontamination Enclosure System – A minimum a two-stage Decontamination unit consisting of a compartment for Decontamination, and a Clean Room. Unless otherwise specified, it shall be adjacent to the Abatement area.
- N. Demolition – The wrecking or taking out of any load supporting structural member of a facility together with any related handling operations.
- O. Deteriorated Lead Based Paint – Means Lead Based Paint or a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from the substrate to which it is applied to.
- P. DPH – California Department of Public Health
- Q. DPH-Approved Course – Means any lead-related construction course that satisfies the requirements specified in CCR Title 17, Sections 35056, 35061, 35066, or 35067 as determined by DPH pursuant to Sections 35076 and 35078.
- R. DOSH – California Division of Occupational Safety & Health or Cal/OSHA.
- S DOT – Department of Transportation
- T. DTSC – California Department of Toxic Substances Control
- U. Encapsulating Material – Are coatings or rigid materials adhesively applied to Lead Based Painted surfaces in the Encapsulation process.
- V. Encapsulation – The application of an Encapsulating Material to Lead Based Paint to provide a barrier between the Lead Based Paint and the environment.
- W. Enclosure – A rigid durable barrier mechanically attached to building Component, with all edges and seams sealed with caulk or other sealant.
- X. Fixed Object – A piece of equipment, furniture, or improvement in the Work Area, which cannot be removed from the Work Area.

- Y. Hazardous Waste – Means any waste stream determined by an Owner approved laboratory to exceed the regulatory thresholds for lead hazardous waste.
- Z. HEPA Filter – Means a filtering system capable of trapping and retaining at least 99.97% of all mono-dispersed particles 0.3 micrometers in diameter or larger.
- AA. HEPA Vacuum – A vacuum system furnished with HEPA filtration.
- BB. HUD – United States Department of Housing and Urban Development
- CC. HVAC – Heating, Ventilation, and Air Conditioning system.
- DD. ICP-AES – Means Inductively Coupled Plasma-Atomic Emission Spectroscopy used for heavy metal analysis, including lead.
- EE. Lead Based Paint – Means paint or other surface coatings that contain an amount of lead equal to or greater than 1.0 milligrams per square centimeter (1.0 mg/cm²) or equal to or greater than 0.5% by weight.
- FF. Lead Containing Paint – Means paint or other surface coatings that contain lead in an amount equal to or greater than 0.06% lead dry weight (600 ppm) but does not meet the definition of Lead Based Paint. In the absence of paint chip or surface coating bulk sample results, any surface coating shall be assumed to be above 0.06% lead dry weight (600 ppm) until surface coating samples are collected and analyzed that indicate otherwise. Lead concentration shall be determined by a method that has an accuracy of not less than plus or minus 25% at 0.06% lead dry weight, to a confidence level of 95%.
- GG. Lead Contaminated Dust – Means dust that contains an amount of lead equal to, or greater than, forty micrograms per square foot (40 µg/ft²) for interior floor surfaces; two hundred and fifty micrograms per square foot (250 µg/ft²) for interior horizontal window surfaces; and eight hundred micrograms per square foot (800 µg/ft²) for exterior floor and exterior horizontal window surfaces.
- HH. Lead Contaminated Soil – Means bare soil that contains an amount of lead equal to, or greater than, four hundred parts per million (400 ppm) in children's play areas or one thousand parts per million (1000 ppm) in all other areas.

- II. Lead Hazard – Means deteriorated Lead Based Paint, Lead Contaminated Dust, Lead Contaminated Soil, the disturbance of Lead Based Paint or Presumed Lead Based Paint without containment, or any other operation that may result in persistent and quantifiable lead exposure.
- JJ. Lead Inspection – Means a surface by surface investigation to determine the presence of Lead Based Paint as described in Chapter 7: Lead Based Paint Inspection, “ Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing,” U.S. Department of Housing and Urban Development, 1997 Revision.
- KK. Lead Related Construction Work – Means any construction, alteration, painting, Demolition, salvage, Renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead.
- LL. Lead Safe Schools Program – Means the training program for lead safe working practices as developed by the Labor Occupational Health Program at U.C. Berkley.
- MM. Location Code – Refers to a unique four digit numeric code assigned by the Owner to each of its Project sites.
- NN. Member – A Component part of a structure complete in itself.
- OO. Movable Object – A piece of portable equipment or furniture in the Work Area, which can be removed from the Work Area.
- PP. NESHAP – The National Emission Standards for Hazardous Air Pollutants (40 CFR Part 50.12)
- QQ. NIOSH – The National Institute for Occupational Safety and Health
- RR. Owner Consultant (OC) – Refers to the firm, company or individual designated by the Owner.
- SS. Painting Contract – For purposes of this section, a painting contract is a Contract with the Owner to perform painting on existing facilities where Lead Based Paint, Lead Containing Paint, Presumed Lead Based or Presumed Lead Containing Paint will be disturbed or abated.

- TT. P.E.L. – Means permissible exposure limits as defined in Title 8, California Code of Regulations, Section 1532.1.
- UU. Plasticize – To cover floors, walls, and equipment with plastic sheeting as specified herein.
- VV. Portable Mechanical Ventilation System – A portable exhaust system furnished with HEPA filtration and capable of providing a constant air flow into regulated Work Area from adjacent areas and exhausted outside the regulated area.
- WW. Presumed Lead Based Paint – Means paint or surface coating affixed to a Component in or on a structure, excluding paint or surface coating affixed to a Component in or on a residential dwelling constructed on or after January 1, 1979, or a school constructed on or after January 1, 1993.
- XX. Removal – Means all operations where Lead Based Paint is removed or stripped from structures or substrates including Demolition.
- YY. Renovation – Means the modifying of any existing structure, facility, or portion thereof.
- ZZ. Replacement – Means Removal of an entire building Component coated with Lead Based Paint and replacing it with a lead free Component.
- AAA. SCAQMD – South Coast Air Quality Management District
- BBB. STLC – Means Soluble Threshold Limit Concentration used in the State of California in conjunction with TTLC to determine lead hazardous waste limits. If the STLC result is equal to or exceeds 5 mg/L the waste is deemed to be hazardous.
- CCC. Surfactant - A chemical wetting agent added to water.
- DDD. TCLP – Means Toxicity Characteristic Leaching Procedure used to determine the federal Resources Conservation Recovery Act (RCRA) lead hazardous waste limits. If the results equal or exceed 5 mg/L the waste is deemed to be hazardous.
- EEE. TTLC – Means Total Threshold Limit Concentration used in the State of California in conjunction with STLC to determine lead hazardous waste limits. If the results are equal to or exceeds 1000 mg/kg, the waste is deemed to be hazardous.

FFF. Visible Emissions – Any emissions from a known or suspected lead-containing material that is visually discernible.

GGG. Wet Cleaning – The process of eliminating lead contamination from building surfaces and/or objects by cloths, mops, or other utensils dampened with amended water and afterwards being disposed of as hazardous waste.

HHH. Work Area – Means an area where known or Presumed Lead Based Paint is disturbed or Abatement is conducted.

III. X-Ray Fluorescence (XRF) Analyzer – Means a direct reading instrument that determines the lead content of the surface coatings in milligrams per square centimeter (mg/cm²) using the principle of x-ray fluorescence.

1.03 POLICIES AND PROCEDURES

- A. The Owner has a zero-tolerance policy for uncontrolled lead releases during Lead Related Construction Work, Lead Containing Paint disturbance, or Abatement activities. A lead release requiring an emergency response is any disturbance resulting in the uncontrolled release of lead containing materials. Upon observation of any visual emissions, immediately stop the Work, vacate the Work Area, and provide written notification to the Owner Consultant.
- B. Pre-qualified Abatement Subcontractors are not permitted to subcontract any Abatement Work to a lower tier Subcontractor without the prior written approval of the Owner.
- C. Do not furnish a reduced pressurization and filtration system in violation of, or in infringement upon, any patent.
- D. Owner Consultant shall provide oversight for all Projects that have the potential to disturb lead containing or Lead Based Paint. Prior to the commencement of such Work, provide written notification to the Owner Consultant.

1.04 COORDINATION

- A. Coordinate the Work of this section directly with the Owner and/or Owner Consultant.

1.05 SITE SECURITY

- A. The Work Area is restricted to authorized, trained, and protected personnel. A list of authorized personnel shall be established and posted at the entrance of the Work Area by the Owner Consultant prior to commencement of the Work.
- B. Report to the Owner Consultant any unauthorized entry into the Work Area. Following notification, a written report of the incident shall be provided to the Owner Consultant.
- C. A logbook shall be maintained at the entrance of the Work Area. All persons entering the Work Area shall record name, company affiliation, time in, and time out for each entry and exit.
- D. Access to the Abatement Work Area shall be through the Decontamination Enclosure System only. All other means of access shall be blocked or locked so as to prevent entry to or exit from the Work Area. Emergency exits shall be operable from inside the Work Area.
- E. Maintain Work Area security during Abatement and/or Lead Related Construction Work. All Work Areas and ancillary equipment accessible to non-authorized personnel shall be protected from unauthorized access by constructing a minimum barrier of 3/8 inch CDX plywood supported by 2" x 4" studs, 16 inches on center. An access door shall be provided with hasp and padlock sufficient to prevent unauthorized entry. A key shall be provided to the Owner and Owner Consultant. Required barriers within an occupied building shall be furnished with sheathing as required by state and local fire protection regulations.
- F. Remove all barriers upon the completion of the Work of this section and unless otherwise specified, repair and/or replace to it's original condition, all damage resulting from installation, use, and removal of the barriers.

1.06 EMERGENCY PLANNING

- A. Emergency planning and procedures shall be developed, submitted, reviewed, and agreed to by the Owner Consultant prior to the commencement of lead-related construction and/or Abatement Work.
- B. Emergency procedures shall be provided in the written languages understood by all employees working on the Project and shall be prominently posted at the entrance of the Decontamination Enclosure System. Prior to entering the Work Area, all parties must read and sign these procedures to acknowledge receipt and understanding of the Work Area layout, location of emergency exits, and emergency procedures.
- C. Emergency planning shall consider the effects of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, confined spaces, and heat

related injury. Develop and provide written procedures and training to all employees.

- D. Employees shall be trained in evacuation procedures in the event of workplace emergencies.
- E. In the event of non-life threatening situations requiring medical treatment, injured or otherwise incapacitated employees shall decontaminate following normal procedures with assistance from fellow workers if necessary, before exiting the Work Area.
- F. In the event of life threatening injury or illness requiring immediate medical treatment, worker Decontamination shall be given minimum priority. Provide all measures to stabilize the injured worker, remove them from the Work Area and secure proper medical treatment.
- G. Telephone numbers of all emergency response personnel shall be prominently posted at the entrance of the Decontamination Enclosure System along with the location of the nearest telephone. In addition to the 911 emergency number, post the address and telephone number of the nearest emergency medical services provider.
- H. Provide at least one (1) employee on the Project site at all times during progress of the Work that is trained and certified in first aid and cardiopulmonary resuscitation (CPR). This employee shall be identified by name and proof of training shall be provided to the Owner Consultant prior to the commencement of the Work of this section.
- I. Provide at least one (1) 4A/60BC dry chemical extinguisher in the Decontamination compartment. All workers shall be trained in the proper operation of fire extinguishers.
- J. Emergency exits shall be provided and clearly marked with arrows or other clearly visible markings to permit easy identification from anywhere within the Work Area. Exits shall be secured to prevent access from uncontaminated areas while still permitting emergency egress. Exits shall be properly sealed with polyethylene sheeting, which can be cut to permit emergency egress. Emergency exits may lead through the Decontamination Enclosure System or other alternative exits as required by fire officials.

1.07 LICENSING

- A. The Work of this section shall be performed by an entity duly licensed in the State of California in accordance with the provisions of Chapter 9 of Division 3 of the Business and Professions Code, as amended.

1.08 QUALIFICATIONS

A. Only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded an Abatement Contract or Painting Contract be listed as a Subcontractor for lead Abatement Work or Painting Contract.

B. Where the scope of the Work includes the painting and/or refinishing of existing surfaces, only safety pre-qualified bidders on the pre-approved bidders list are qualified to be awarded a painting Contract or be listed as a Subcontractor for painting Work.

C. Before any workers perform Abatement Work or Work of this section where the P.E.L. is exceeded, submit proof of DPH training and certification. No Work shall be performed until the Owner Consultant has reviewed and approved DPH training and certifications.

D. All workers shall be in personal possession of a wallet DPH certification card at all times while they are performing Abatement Work on the Project site.

E. All workers performing lead Abatement, Lead Related Construction Work, or disturbance of Lead Containing Paint where the exposure level exceeds the P.E.L., shall possess current DPH certification and at least one DPH Certified supervisor shall be available as required by Title 17, CCR subsection 36100.

1.09 TRAINING

A. Lead Related Construction Work shall be performed by personnel with the following training, as applicable:

1. The Lead Related Construction Work, specified herein, shall be performed by individuals trained and qualified in the techniques of lead-related construction, handling, disposal of lead-based and Lead Containing Paint, and the subsequent cleaning of contaminated areas. These individuals must comply with all applicable Federal, State, and Local regulations including, but not limited to, DPH accredited training and certification, and must be capable of and willing to perform the Work of this section.
2. Training specific to the performance of Lead Related Construction Work shall be provided to employees prior to performing the Work of this section.
3. Training specific to the operation and use of fire extinguishers.

1.10 EXPOSURE ASSESSMENT

- A. Disturbance of Lead Containing Paint, as defined in this Specification, disturbed by tasks not included in Title 8, CCR Section 1532.1, Subsection (d)(2), shall require worker-exposure monitoring upon initiation of the Work. The workers performing these tasks shall be trained in accordance with the Hazard Communications Standard, Section 5194, including but not limited to, the requirements concerning warning signs and labels, Material Safety Data Sheets (MSDS), and employee information and training.
- B. Provide an exposure assessment where the workers are performing Lead Related Construction Work. If historical data, collected within the 12 months prior to the Work performed, indicates worker exposure is below the P.E.L. , and the Work being performed closely resembles the process, type of material, control methods, work practices, and environmental conditions, additional exposure assessment is not required.
- C. For Lead Related Construction Work where there is objective data or an exposure assessment demonstrating that the Lead Based Paint, or a specific process, operation or activity other than Abatement involving lead cannot result in employee exposure to lead at or above the P.E.L. during the specific process or handling, employees trained as required by Title 8, CCR Section 1532.1, including the training topics of the Lead-Safe Schools Program, may perform the Lead Related Construction Work.
- D. Where Work being performed indicates an exposure above the Action Level, each employee is required to have current blood lead level and Zinc Protoporphorin testing, medical clearance for negative pressure respirator use, and respirator fit testing.
- E. If there is no objective data or a negative exposure assessment fulfilling the above requirements, all Lead Related Construction Work identified as a trigger task by Title 8, CCR 1532.1 shall be performed by workers who have received training as required by Title 8 CCR, Section 1532.1. This training shall, at a minimum, include the training topics of the Lead Safe Schools Program. An exposure assessment is required to be performed upon initiation of Work.
- F. The required exposure assessment shall not exceed 12 months from the date the samples were collected to the date the Lead Related Construction Work or disturbance of Lead Containing Paint is performed.
- G. The submission and review by the Owner Consultant of the objective data or exposure assessment is required prior to performing Lead Related Construction Work.

1.11

SUBMITTALS

- A. Provide in accordance with Division 01 and this section.
- B. Prior to performing the Work of this section, submit the following procedures to the Owner Consultant:
 - 1. An Abatement plan including, but not limited to:
 - a. A detailed written description of the measures and management procedures, including the containment that will be utilized during Abatement to prevent exposure to lead hazards. Shop Drawings shall indicate the containment locations.
 - b. A detailed written description of the Abatement, including methods of Abatement, locations of rooms and building Component where Abatement is planned.
 - 2. Required air monitoring procedures (Cal/OSHA mandatory and SCAQMD permits for air filtering equipment).
 - 3. Decontamination procedures for personnel, Work Area, and equipment.
 - 4. Procedures for handling and disposing of waste materials, including disposal facility.
 - 5. Provide the procedures to be used for capturing debris while disturbing overhead materials.
 - 6. Procedures for final Decontamination and cleanup.
 - 7. Procedures for dealing with heat stress during Abatement.
 - 8. Emergency procedures during Abatement.
- C. Prior to performing Abatement Work of this section, submit the following Shop Drawings to the Owner Consultant:
 - 1. Preparation of Work Area.
 - 2. Layout and construction of Decontamination Enclosure System and barriers for isolation of the Work Area described in this Specification and required by applicable regulations.
- D. Prior to performing the Work of this section, submit the following Product Data to the Owner Consultant:

1. Product Data relative to personal protective equipment including respiratory protection and protective clothing.
 2. Material safety data sheets and technical specifications for proposed materials.
- E. Prior to performing the Work of this section, submit the following notifications to the Owner Consultant:
1. Evidence of notification to Cal/OSHA as required by Title 8 CCR, Section 1532.1, where applicable.
 2. Notify DPH no less than five days in advance of Abatement by submitting an Abatement of Lead Hazard Notification, DPH Form 8551.
- F. Prior to performing the Work of this section, submit the following documentation to the Owner Consultant:
1. A list of employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Project.
 2. Submit proof satisfactory to the Owner Consultant that required permits, site location, and arrangements for transport and disposal of lead containing waste has been performed in accordance with Federal, State, and local regulations.
 3. Submit proof of training for each worker who will perform Abatement or Lead Related Construction Work.
 4. Submit manufacturer's certification that HEPA Vacuums, air filtration units and other local exhaust ventilation equipment conform to ANSI Z9.2-79, as applicable.
 5. When HEPA Vacuums are utilized on the Project, provide the maintenance and filter change log for these before they are brought onto the Project site.
 6. Provide the current SCAQMD permit for each HEPA Vacuum and Portable Mechanical Ventilation System before they are brought onto the Project site.
 7. Where biological monitoring is required, submit test result documentation verifying all employees have completed blood lead level and Zinc Protoporphorin tests in accordance with Title 8 CCR, Section 1532.1.

8. All workers are required to submit a signed Code of Conduct form.
- G. Prior to performing the Work of this section, submit the following Samples to the Owner Consultant:
1. Submit a Sample of all forms to be used in documenting the Work of this section.
- H. Prior to performing the Work of this section, submit the following schedule to the Owner Consultant:
1. An intended sequence of Work and construction schedule. Coordinate both the sequence and durations with the Owner.
- I. Prior to performing the Work of this section, submit all other required items to the Owner Consultant.
- J. During the performance of the Work of this section, submit the following documentation to the Owner Consultant:
1. Submit documentation from a physician certifying that all employees who wear a negative pressure respirator are medically cleared to do so without suffering adverse health effects as required by DOSH regulations. The certification shall state that the employee or agent may perform Lead Related Construction Work and wear a negative pressure respirator without restrictions. Provide information to the examining physician about unusual conditions in the workplace environment that may impact the employee's ability to perform Work activities.
 2. During the performance of the Work of this section, and before additional supervisors or workers are permitted to perform the Work of this section, submit proof of DPH training and certification, where applicable. No additional supervisors or workers are permitted upon the Project site until the Owner Consultant has approved the DPH training and certifications, when required.
 3. Submit weekly job progress reports detailing Abatement and/or Lead Related Construction Work activities for Projects that will exceed thirty (30) days. Include review of progress with respect to previously established Milestones and schedules, major problems and action taken, injury reports, equipment breakdown, and air and/or wipe sampling results.
 4. Within five (5) workdays of transport and/or disposal, submit copies of all transport manifests, disposal receipts, analytical data, and weight certificates for all hazardous waste removed from the Work Area during

the Lead Related Construction Work and/or Abatement Work. Weight certificates shall indicate by pounds the net weight of waste disposed of from the Project site as indicated on the associated manifest.

5. Submit daily, copies of Abatement Work site entry logbooks with information on worker and visitor access.
 6. Submit logs on a weekly basis documenting filter changes on respirators, HEPA vacuums, HEPA filtered ventilation units, water filtration units, and other approved engineering controls, as applicable.
 7. Submit results of air and/or wipe sampling data (as applicable) collected during the course of the Abatement and/or Lead Related Construction Work including DOSH compliance air monitoring results.
- K. During the performance of the Work of this section, submit all other required items.

1.12 PRE-ABATEMENT MEETING

- A. Attend a meeting to be held prior to the commencement of the Work of this section. Attending this meeting shall be representatives of the Owner, the Owner Consultant if applicable, and the testing/monitoring personnel who shall actually participate in the testing/monitoring program. Secure the attendance of the individual who will be the Project site competent person for the Abatement Work.
- B. At this meeting provide all required submittals except for those to be submitted during progress of the Work. In addition, provide detailed information concerning:
 1. Preparation of Work Area and Shop Drawings.
 2. Personal protective equipment, including respiratory protection and protective clothing.
 3. Employees who will participate in the Project, including delineation of experience, training, and assigned responsibilities during the Work.
 4. Decontamination procedures for personnel, Work Area, and equipment.
 5. Abatement methods and procedures to be provided.
 6. Required air monitoring procedures (pre-Abatement, Cal/OSHA mandatory, and SCAQMD requirement).
 7. Procedures for handling and disposing of waste materials, including disposal facility.
 8. Procedures for final Decontamination and cleanup.
 9. A sequence of Work activities and performance schedule.
 10. Procedures for dealing with heat stress.
 11. Emergency procedures.

PART 2 – PRODUCTS

2.01 Materials and Equipment

A. Materials:

1. Deliver all materials in the original sealed packages, containers, or bundles bearing the name of the manufacturer and brand name.
2. Store all materials, subject to damage off the ground, away from wet or damp surfaces, and under cover sufficient enough to prevent damage or contamination. Replacement materials shall be stored outside of the Work Area until area is cleared for normal occupancy.
3. Damaged, deteriorating, or previously used materials shall not be furnished and shall be removed from the Project site and legally disposed of.
4. A sufficient supply of disposable mops, rags, and sponges for Work Area Decontamination shall be provided.
5. Unless otherwise specified, the Owner will provide water for construction purposes. Connect to existing system as required.
6. All products brought onto the Project site shall be accompanied by their respective Material Safety Data Sheet, which shall be maintained on the Project site.
7. All plastic, polyethylene sheeting or visqueen shall be a fire retardant type. Provide documentation from the manufacturer verifying compliance with this requirement.
8. Polyethylene sheeting furnished for the Decontamination Enclosure System shall be opaque white or black in color and shall be a minimum of 6-mil thick.
9. Surfactant (wetting agent) shall be a material that, when tested, demonstrates a surface tension of 29 dynes/cm as tested in its properly mixed concentration, using ASTM method D1331-56-"Surface and Interfacial Tension of Solutions of Surface Active Agents." Where Work Area temperature may cause freezing of the Amended Water solution, the addition of approved antifreeze in a manufacturer recommended amount is permitted.

B. Equipment:

1. Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by applicable Cal/OSHA and DOT requirements.
2. Provide labels as per DOT requirements for disposal containers.
3. Provide warning signs as required by Cal/OSHA.
4. Disposal containers shall meet requirements of Title 22, CCR.
5. Provide a sufficient supply of scaffolds, ladders, lifts, and hand tools, as needed to complete the Work.
6. Provide sprayers with pumps capable of providing amended water in sufficient quantity to adequately wet the material to be abated or for Lead Related Construction Work.
7. Provide a sufficient supply of HEPA filtered vacuums to maintain a clean environment in compliance with this section.
8. When an enclosure requiring negative pressure is specified, a sufficient quantity of air-filtration ventilation units furnished with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance documents shall be utilized to provide one workplace air change every 15 minutes and creating a pressure differential of -0.02 inches of water everywhere within the enclosure when compared to the area outside the enclosure. A log documenting the filter change history of each unit shall be required before use, and any unit without this log shall have all filters changed and the unit decontaminated.
9. When rental equipment is to be used in Abatement areas or to transport lead contaminated waste, a written notification concerning the intended use of the rental equipment shall be provided to the rental agency with a copy submitted to the Owner.
10. When performing chemical Removal, provide portable eyewash station(s) that meet ANSI standards and are accessible to workers within 10 seconds.
11. Additional safety equipment, as necessary, shall be provided to all workers and authorized visitors.
12. All equipment delivered to the Project site shall be free of all debris suspect of containing lead. No equipment with suspect debris in or on it shall be permitted on Owner properties and/or the Project site.

13. When roll-off disposal containers are delivered to a Project site, all four (4) wheels of each container shall be moved and rested upon a minimum size sheet of plywood of 4' X 4' X 3/4".
14. Lighting shall be provided in an amount sufficient to illuminate the Work Area for the purpose of safe visual working conditions and to permit examination of all surfaces where Work is performed.

2.02 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

A. Respiratory Protection:

1. Submit NIOSH approvals for all respiratory protective devices utilized on the Project site. Include manufacturer certification of HEPA filtration capabilities for all cartridges and filters. Filter cartridges shall be furnished with the NIOSH P-100 designation.
2. Provide respiratory protection to all employees in compliance with CCR Title 8, Sections 1532.1 and 5144, as determined by the employee exposure assessment.
3. In the absence of an exposure assessment, base respiratory protection on the requirements of Title 8, CCR Section 1532.1, specifically subsection (d).
4. In addition to P-100 filters, provide the appropriate respirator filter cartridges for exposure to other airborne contaminants generated during the Abatement process.
5. Provide authorized visitors with a respirator and cartridges sufficient to protect individuals from exposure to hazardous environments generated during the Abatement activity.

B. Fit Testing:

1. Perform fit testing in accordance with Title 8 CCR, Section 5144.
2. Submit documentation of respirator fit testing for all individuals entering the Work Area.
3. Maintain and submit to the Owner a copy of the written respiratory protection program.

C. Personal Protective Clothing and Equipment:

1. Provide eye protection to employees sufficient to protect employees from

debris during Work progress when full-face respirators are not being utilized.

2. Provide and require the use of eye protection when employees are working with a material that may splash or fragment, as specified by the Material Safety Data Sheet for a given product, or as required by Title 8, CCR.
3. Spectacle kits and eyeglasses must be provided for employees who wear glasses and who must wear full-face piece respirators. Provide respirators that have been tested and approved by the National Institute of Occupational Safety and Health for use in lead-contaminated atmospheres.
4. Provide full-body disposable protective clothing, including head, body, and foot coverings to all workers and authorized visitors who enter the Work Area, in sizes adequate to accommodate movement without tearing. A new suit shall be provided and donned for each separate entry.
5. If washable clothing is to be worn underneath disposable protective clothing, it shall be provided to all Abatement workers.
6. Provide a clean staging area for workers and others to store street clothes and personal protective equipment.
7. Disposal suits shall be collected in an appropriate disposal container at the entrance of the Abatement Work Area.
8. Abatement workers are required to wear nonskid footwear sufficient to protect them from workplace hazards. Disposable clothing shall be adequately sealed to the footwear to prevent body contamination.
9. Hand protection shall be provided, and workers shall be required to use lotion sufficient quantities to protect the worker when chemicals or other physical hazards exist.
10. As required by the Work site and applicable safety regulations, provide head protection and require the use thereof.
11. All worker protection equipment shall be ANSI approved.

PART 3 - EXECUTION

3.01 LEAD RELATED CONSTRUCTION WORK

A. Work Area Preparation and Work Practices:

1. Where exposure monitoring indicates Worker exposure is below the P.E.L., comply with the requirements of this section and the “Monitoring” section of this Specification.
2. All disturbance of lead containing materials shall be performed using wet methods.
3. Work requiring overhead disturbances shall require a means of capturing debris, thus preventing an uncontrolled release on the worker or the surfaces below.
4. For disturbances utilizing local exhaust dust collection devices the equipment shall be designed and furnished with a HEPA filtered vacuum attachment approved by the manufacturer.
5. Where Components are to be removed, all loose Lead Based Paint and Lead Containing Paint shall be removed by manual means using wet methods.
6. Where a Component is attached and painted onto another surface and the Component is to be removed from the adjoining surface the paint shall be cut with a razor knife to reduce the potential of paint chip debris during Component removal.
7. If a Component being removed will be disposed of rather than reinstalled, manually cut the Component into manageable sections for disposal using wet methods or mechanically cut using a manufactured approved HEPA filtered local exhaust dust collector.
8. If a Component is to be reused, loose paint or rough edges may require scraping or sanding. All scraping or sanding must be performed manually using wet methods or mechanically with a manufactured approved HEPA filtered local exhaust attachment.
9. For solid core surfaces where penetration and/or welding are required the lead containing material shall be removed from the area impacted using wet methods. All layers of Paint shall be removed before impact to the surface commences.

B. Clean Up Procedures:

1. During the entire process of Lead Related Construction Work, clean all debris generated using wet methods and/or HEPA Vacuuming.
2. At the completion of the Lead Related Construction Work, clean all surfaces within the impacted Work Area.

3. When HEPA filtered Vacuums are utilized, vacuum from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris. If vacuuming cannot remove all visible debris, wet wiping will also be required.
4. When wet wiping the Work Area, wipe from the area of impact to the outer perimeter of the polyethylene sheeting to remove all visible debris.
5. All tools and equipment utilized in the Work Area shall be thoroughly wet wiped to remove visible debris.

3.02 ABATEMENT

A. Work Area Preparation:

1. Clean areas to be isolated by HEPA Vacuum prior to installation of polyethylene sheeting.
2. Seal the Work Area with a layer of 6 mil thick polyethylene sheeting prior to any Lead Based or Lead Containing Paint Removal or disturbance by covering all vents, windows, door openings, and any non-Moveable Objects such as lockers, etc.
3. Install a minimum of two (2) layers of 6 mil thick polyethylene sheets on floors, fastened by waterproof tape and other means as necessary to secure the sheeting.
4. The covering on windows, exterior doors, and vents shall be installed from the outside to facilitate Work on them from the inside.

B. Decontamination Enclosure System:

1. At a minimum a two-stage Decontamination Enclosure System consisting of a compartment for Decontamination and a Clean Room shall be constructed and used.
2. Unless otherwise specified, the Decontamination Enclosure System shall be adjacent to the Abatement area.

3. Other enclosure methods may be used if submitted and approved by the Owner Consultant.

C. Removal and Replacement Substrates with Lead Based Paint:

1. Except as noted in the Specifications and Drawings, replace substrate with material of the same or better quality. Substrates include, but are not limited to doors, windows, moldings, casements, mantels, trims, skirting, baseboards, and associated hardware and fasteners.
2. Areas adjacent to substrate Removal shall be protected from damage. Damages shall be repaired or replaced to original condition.
4. Substrates that are removed for Replacement shall be wrapped and stored for disposal. Disposal shall be in accordance with the applicable codes and sections of this Specification.
5. After Removal, the areas disturbed shall be cleaned and a Clearance Inspection performed in accordance with the procedures described in this Specification.

D. Abrasive Removers – Machine Sanders:

1. Machine sanders shall be furnished with a HEPA Vacuum system approved by the manufacturer.
2. Sanding shall only be performed on flat surfaces that allow the HEPA Vacuum dust collection attachment to come into tight contact with the surface being sanded.
3. Remove Lead Based Paint down to the bare substrate surface. If the pigment cannot be removed without damaging the substrate, submit a Request for Clarification to the Owner Consultant.
4. Protect adjacent surfaces from damage from machine sanding. Repair and/or replace all damaged surfaces.

E. Chemical Removal-On-Site Chemical Removal:

1. No chemical Removal shall be performed on interior surfaces unless specifically called for and designed in the Specifications or the Abatement plan of the Project.
2. Owner approved chemical removers shall be compatible with and harmless to the substrate. On masonry surfaces chemical removers shall contain anti-stain formulation that inhibits discoloration.

3. Chemical Removal Agent Neutralizer: Use chemical Removal agent neutralizers on exterior surfaces only. Neutralizers shall be compatible with and not harmful to the substrate. Neutralizers shall be compatible with the Removal agent that has been applied to the surface substrate.
 4. Apply chemical Removal agents and neutralizers in accordance with the recommendations of the manufacturer and the following:
 - a. Adhere to all health and safety regulations and other Specification section requirements. Stripping agents shall not be allowed to penetrate wood or other fibrous substrates.
 - b. Remove the softened paint by scraping or wire brushing.
 - c. Protect adjacent areas from damage from Removal agent during the course of Work.
- F. Chemical Removal – Off-Site Chemical Removal – Structures of Historical Significance Only:
1. Remove and transport Lead Based Painted Component in accordance with this Specification. Transport the Component to an off-site location. Remove Lead Based Paint by chemical Removal. Neutralize and clean the Component. Return Component to the Project site free of lead-containing materials and reinstall.
 2. Take extreme care in removing Component to be taken off-site, to prevent damage. In addition:
 - a. Component shall be marked and identified using an inconspicuous engraving, to insure reinstallation in original location.
 - b. Hardware associated with a Component shall be bagged and marked.
 - c. If required, hardware shall be chemically stripped, cleaned, or reconditioned.
 - d. Dispose of hazardous waste generated by the off-site stripping of Lead Based Paint as required by federal, state, and local regulations.
 - e. Do not transport hazardous waste to Owner properties and/or facilities.

- f. Protect the Component and the adjacent areas from which Component are removed from damage by the Removal and reinstallation procedures.

G. Water Jet Washing:

1. Use to remove Lead Based Paint from exterior masonry substrate.
2. If this procedure is selected, submit a Work plan to the Owner Consultant which includes, but is not limited to, interim controls, paint stabilization, and capture of waste water.

H. Encapsulation – Interior and Exterior - Coated Sealer System:

1. Materials: - Elastic acrylic coating shall be heavy bodied and warranted by the manufacturer to be compatible with the substrate. Elastic acrylic coating shall be long lasting and resist cracking, peeling, algae, and fungus.
2. Submittal: Submit two Samples, 5-1/2" x 8," of the Encapsulation material to the Owner Consultant.
3. Encapsulation coatings shall be applied in accordance with the manufacturer's recommendations and the following conditions:
 - a. Remove surface dust and debris by scrubbing with a non-residue detergent solution, and rinsing. Remove loose paint until a sound, intact edge is achieved. Remove and replace loose plaster prior to the coating application. Proper safety procedures and lead dust control method in this Specification must be utilized.
 - b. Apply Encapsulation coatings to the substrate in a continuous coat to seal the surface being coated. The number of coats required and coverage rates shall be in accordance with the manufacturer's recommendations.
 - c. Repair all materials that lift and peel after the application of the Encapsulation coating by scraping until a sound surface is obtained. The edges shall be feathered, and a reapplication of an Encapsulation coating shall be applied.
 - d. Remove, or cover as directed, existing fixtures located on surface to be coated, including but not limited to, electrical receptacles, switches, exhaust fans, and hardware.

- e. Protect adjacent surfaces and existing fixtures from damage by coating system. Damages to adjacent surfaces and existing fixtures due to lack of protection or improperly applied protection shall be repaired and/or replaced.

I. Encapsulation – Interior and Exterior - Flexible Wall Covering:

1. Materials: Wall covering shall be a reinforced fiber type that forms a secure bond with the substrate, resistant to peeling and formation of mold. The wall covering system shall form a seal over the substrate to which it is applied and not allow the passage of substrate dust into the environment.
2. Submittal: Prior to the start of Work, submit to the Owner Consultant for approval, manufacturer's descriptive literature, and two (2) 5-1/2 inch by 8 inch Samples of each wall covering system.
3. Install Encapsulation covering in accordance with manufacturer's installation instructions and the following provisions:
 - a. Remove foreign material by washing surfaces with a detergent solution. Remove loose plaster, loose paint, and loose wallpaper. Utilize dust control methods described in this Specification.
 - b. Repair larger damaged areas flush with surrounding wall surfaces prior to installation of wall covering system.

J. Enclosure Procedures - Gypsum Wallboard (interior surfaces only), plywood paneling, other enclosures of exterior substrate:

1. Surface preparation: Remove foreign material by wash-down with a non-residue detergent solution. Remove loose plaster, loose paint, and loose wallpaper in accordance with this Specification to stabilize the painted surfaces.
2. Affix warning labels stating surface contains "LEAD-BASED PAINT" to the surface prior to being enclosed. Labels shall be 3" x 5" and placed four (4) foot apart at approximately five foot high on the surface being enclosed.
3. Install selected enclosure material in accordance with the relevant section of the Specification. Any disturbance to Lead Based Paint in the execution of this section shall comply with the Lead Related Construction Work section of this Specification.

K. SOIL ABATEMENT

1. Surface Contamination:

- a. Remove Lead Contaminated Soil from the location(s) and to a depth specified in the scope of Work.
- b. In the absence of a specified depth of soil Removal identified in the scope of Work, submit, prior to the bid, a Request for Clarification regarding the quantity of soil to be removed.
- c. Submit a written soil Abatement plan prior to initiation of the Project.
- d. No soil Abatement shall proceed until the Work plan has written approval by the Owner Consultant.
- e. Refer to the waste handling and transportation section of this Specification for the handling, characterization, and disposal of waste.

L. ALTERNATE PROCEDURES

1. If specified procedures cannot be utilized, a request must be made in writing to the Owner Consultant establishing details of the problem encountered and recommended alternatives.
2. Alternate procedures shall provide equivalent or greater protection than procedures that they replace.
3. Prior to implementation, all alternative procedures shall be submitted and approved in writing by the Owner Consultant.

M. CLEAN-UP PROCEDURES

1. During the entire process of the Work of this section, perform continuous cleaning of all debris generated using wet methods and/or HEPA filtered vacuuming.
2. At the completion of the Work of this section, clean all surfaces within the impacted Work Area, including but not limited to, all tools, equipment, and polyethylene sheeting to remove visible debris from the Work Area.
3. All tools and equipment utilized in the Work Area shall be thoroughly cleaned. All non-electrical tools and equipment shall be cleaned monthly and before Removal from the Work Area by HEPA vacuuming and washing using a lead specific detergent or other suitable cleaning agent.

4. Electrical tools and equipment shall be HEPA vacuumed and cleaned by wet wiping limiting the amount of water used to avoid electrical hazards.
5. Remove polyethylene sheeting, except for critical barriers, by folding it into itself beginning with the higher level polyethylene first.
6. Following Removal of polyethylene sheeting a final cleaning of all surfaces in the Abatement workspace shall be performed by HEPA vacuuming, wet wiping, and a final HEPA vacuuming.
7. When HEPA vacuums are utilized, vacuuming shall be performed from the top down and from the area of impact to the outer edge of the polyethylene sheeting.
8. Apply no less than one continuous coat of approved paint or primer to all abated surfaces, where applicable.
9. At the completion of the final clean up, the DPH certified supervisor shall inspect the Work Area for visible debris. If debris is identified, repeat the final cleaning process.
10. Wet wiping, washing, and cleaning required by this section shall include the Removal of all visible debris by cleaning with a lead specific detergent or other suitable cleaning agent in clean water followed by a rinsing with clean water and clean rags, following the same sequence of cleaning as the vacuuming.
11. Refer to the waste handling and transportation section of this Specification for disposal of waste generated by this process.

3.03 WASTE HANDLING AND TRANSPORTATION

A. Characterization of Waste:

1. Until analytical results are available, all waste materials (including water) shall be treated as hazardous.
2. Characterize all waste streams as follows:
 - a. Collect a representative sample of the waste material.
 - b. For a pile of waste take one sample of a proportionate combination of Component in the pile. If a large quantity of waste is generated no less than four samples may be required.

- c. For large wood Component, such as windows, doors, etc., a representative sample of each Component of similar characteristics, paint history, etc., shall be collected and tested. A full depth core sample, not less than one (1) inch diameter, of the Component is to be collected. The core sample shall include the substrate and paint coatings on both sides of the Component, as applicable.
- 3. Analysis for the waste characterization samples shall be performed as follows:
 - a. Waste generated by chemical stripping shall, in addition to the requirements for determining the solid and soluble lead concentrations, shall be tested for corrosiveness and other contaminants, as applicable, resulting from the chemical stripping process.
 - b. Analyze samples for Total Threshold Limit Concentration (TTLC):
 - 1) If results are less than 50 mg/kg (milligrams/kilogram) the waste is not hazardous and shall be disposed as general construction waste.
 - 2) If sample results are 50 mg/kg or greater, the waste shall be tested for Soluble Threshold Limit Concentration (STLC).
 - c. Where waste is required to be tested for STLC the following shall apply:
 - 1) If the STLC results is less than 5 mg/L (milligrams/liter) the material shall be disposed at a Class II waste landfill. Evidence of such results of the STLC testing will be required by the landfill before waste is accepted. No further testing is required.
 - 2) If the STLC results are 5 mg/L or greater, the waste is a California regulated waste and the material shall be tested using the federally mandated Toxicity Characterization Leaching Procedure (TCLP).
 - d. Where waste is required to be tested by TCLP the following shall apply:
 - 1) If the TCLP is less than 5 mg/L, the waste is a California regulated hazardous solid waste (non-RCRA). This

material shall be disposed in a Class I hazardous waste landfill.

2) If the TCLP is equal to or greater than 5 mg/L, the waste is a federally regulated hazardous waste solid (RCRA). The waste shall then be disposed in a Class I hazardous waste landfill.

e. Personal and commercial wash water with lead contamination shall be handled as follows:

- 1) Filter the waste water through cheesecloth, or other similar filtering media, to remove the gross debris. Separate the waste streams and characterize these in compliance with this Specification.
- 2) If the waste water is identified as a RCRA or California regulated hazardous waste (Non-RCRA) by STLC and TCLP, filter the waste water by power pumping it through a 20 micron pore size filter. The filtered water shall be tested as described for waste in this Specification.
- 3) If test results categorize the filtered water as non-hazardous, it may be disposed of in the sewer system.
- 4) Wastewater, filtered or otherwise, shall not be discharged in storm drains, gutters or allowed to sheet flow over the surface of the ground.

B. Waste Handling:

1. All waste, hazardous and non-hazardous, shall be disposed of at an authorized site in accordance with all provisions of this Specification and applicable Federal, State, and local laws.
2. Any waste determined to be hazardous, through analytical testing, shall be kept in a secured area or lockable container that is inaccessible to all persons other than authorized personnel working on the Project. All hazardous waste containers shall be labeled "Hazardous-Waste – Contains Lead" and labeled with the date waste collection commenced.
3. Hazardous waste shall not remain on the Project site beyond 90 days of the date it was generated. It shall be removed from the Project site and transported to an approved landfill before the 90 days has elapsed.
4. Once hazardous waste is removed from the Project site, ensure it is

disposed of in an approved landfill within 6 days. The waste shall not be transported to another site for commingling of waste from a source other than the site of original generation. This requirement shall be documented by the proper execution of a Uniform Hazardous Waste Manifest signed by the landfill operator.

5. All hazardous and non-hazardous waste shall be kept in different containers and stored in separate locations. Commingling of waste is not permitted.
6. As the Work progresses, to prevent exceeding available storage capacity on the Project site, sealed and labeled containers of lead waste shall be removed and transported to the prearranged disposal location.
7. Containers used for hazardous waste shall meet the requirements of EPA and DOT for hazardous waste storage and transport. At a minimum, disposal packaging of Lead Based Paint fragments, dust, and debris shall be in 6-mil polyethylene (plastic) bags that are airtight and puncture resistant.
8. Any debris or residue observed on containers or surfaces outside of the Work Area resulting from clean up or disposal activities shall immediately be cleaned using HEPA filtered vacuum equipment and/or wet methods as appropriate.
9. Materials not contained in bags or other appropriate disposal containers shall not be placed in lead waste storage containers, nor shall storage containers be used for non-lead waste. To avoid damage, all packaged waste shall be placed, not thrown, into the storage containers.
10. Lead Contaminated Soil shall be transported in plastic lined containers.

C. Transportation of Non-Hazardous Waste:

1. All receipts from the disposal facility, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The waste manifest shall be signed by the generator, the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, and signature of the transporter shall also appear on the manifest.

D. Transportation of Hazardous Waste:

1. All hazardous waste shall be transported by a RCRA/DOT/EPA certified hazardous waste transporter. Provide evidence that the hazardous waste transporter meets the requirements of this Specification.
2. The Work of this section includes responsibility for all actions of the hazardous waste transporter as it pertains to waste Removal and disposal related to the Work of this Specification.
3. Identify the facility to which the waste generated by this Specification will be taken. Evidence shall be provided verifying the facility is licensed/permitted to receive and handle non-hazardous lead containing waste and/or hazardous lead containing waste as applicable.
4. All waste disposed as hazardous shall be transported under a Uniform Hazardous Waste Manifest. The generator copy of this manifest shall be submitted to the Owner Consultant within five (5) days of transport.
5. All dump receipts, trip tickets, transportation manifests, weight certificates or other documentation of disposal shall be delivered to the Owner Consultant within 48 hours of disposal. The Uniform Hazardous Waste Manifest shall be signed by the generator (or designee), the transporter(s), and the disposal site operator each time the responsibility for the waste material is transferred. If a separate hauler is employed, the name, address, U.S.E.P.A. ID number and signature of the transporter shall also appear on the manifest.
6. The enclosed cargo area of trucks or containers shall be free of debris and lined with 6-mil polyethylene sheeting to prevent contamination from leaking or spilled containers. Floor sheeting shall be installed first and extend up the walls. Wall sheeting shall be overlapped and taped into place.
7. During transport, drums and other containers shall be placed on level surfaces in the cargo area and packed tightly together to prevent shifting and tipping. Large structural Component shall be secured to prevent shifting and bags placed on top.

3.04 MONITORING

A. Project Management and Inspection:

1. Owner has the right to perform air, wipe, and visual monitoring at any time.
2. Owner shall proceed in accordance with the terms and conditions of the Contract Documents whenever the Work or protective measures are not in

compliance with applicable governmental regulations, Contract requirements, and/or threatens the adjoining environment with lead contamination.

3. Where exposure monitoring indicates exposure is at or above the P.E.L., comply with Title 8, CCR Section 1532.1 (e) through (n).

B. Employee – Personal Air Monitoring:

1. Provide air monitoring as required by Title 8 CCR, Section 1532.1. Results shall be provided within ten working days of sampling. If the intent is to utilize such as exposure assessment documentation, and Work is to commence earlier than ten working days, submit results 24 hours in advance of the start of Work.

C. Clearance Inspection:

1. Clearance Inspection for Lead Related Construction Work shall include:
 - a. A visual inspection of the Work Area by the Owner Consultant prior to occupancy for normal activity.
 - b. Do not remove barriers designating a regulated Work Area until a written release from the Owner Consultant is provided.
 - c. The Owner Consultant has the right to collect wipe samples as part of the Clearance Inspection.
2. Clearance Inspection for Abatement shall include:
 - a. A visual inspection of the Work Area by the Owner Consultant prior to collection of environmental samples (dust, wipe, and/or soil samples, as applicable).
 - b. Owner Consultant shall collect environmental samples.
 - c. Results of samples shall comply with Title 17, CCR before the Work Area is released for normal occupancy.
 - d. Where samples fail to meet regulated clearance levels of Title 17, CCR, clean the Work Area as required for final cleaning in the Clean Up Procedures section of this Specification.
- e. Following cleaning, the visual inspection and environmental sampling will be repeated as described above. This process shall continue until the clearance level of Title 17, CCR is provided. Should it be determined by

the Owner Consultant that additional clean up is necessary the contractor will be responsible for any additional costs associated.

3.05 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

- A. Re-establishment of the Work Area shall only occur following the completion of clean-up procedures and after a Clearance Inspection has been performed and documented to the satisfaction of the Owner Consultant.
- B. Re-secure Moveable Objects removed from their former positions during area preparation activities.
- C. Relocate Moveable Objects that were removed to temporary locations back to their original positions.
- C. Reestablish HVAC, mechanical and electrical systems to the condition prior to commencement of the Project.
- E. Repair all areas of damage that occurred as a result of Abatement or Lead Related Construction Work.

3.06 PROJECT COMPLETION DOCUMENTATION

- A. Provide to the Owner Consultant all of the following close-out documentation:
 - 1. Filter change logs for all air filtration units, water filtration units and respirators
 - 2. Foreman's daily job reports
 - 3. Employee entry/exit logs for all Work Areas
 - 4. Visitor entry/exit logs for all Work Area
 - 5. Air sample results for personnel
 - 6. Copies of all hazardous and non-hazardous waste manifest
 - 7. All hazardous waste weight tickets
 - 8. Analytical data and chain of custody for waste characterization
 - 9. All signed Daily Personnel Report Forms
- B. Provide Owner Consultant with as-built drawings identifying surfaces where Lead Based Paint has been encapsulated or enclosed.

END OF SECTION



ATTACHMENT A



Scope of Work for LEAD Abatement
Finley Elementary School

Project: Finley Elementary School	Date: August 16, 17, 18, & 21, 2023
Address: 13521 Edwards Street, Westminster, California 92683	

The work covered by this scope of work includes the removal of painted material in accordance with the attached Specifications for Lead Abatement and applicable federal, state, and local regulations as they apply to the above-referenced site. This scope of work includes the above-referenced specifications and cannot be used separately. In case of conflict between this scope of work and the attached specifications, the specifications shall prevail.

A copy of this Scope of Work is to be posted on-site during the abatement work.

I. Summary of Work

Perform removal of lead-based painted materials in all areas impacted by the upcoming renovation project.

II. Submittals

Pre-job Submittals (as designated)

<input checked="" type="checkbox"/>	Copy of current state contractor licensing board license
<input checked="" type="checkbox"/>	Copies of current California Department of Public Health lead worker/supervisor and training certificates
<input checked="" type="checkbox"/>	Abatement work schedule
<input checked="" type="checkbox"/>	Copies of worker's annual medical exam including respirator approval and worker's blood lead test within the past year
<input checked="" type="checkbox"/>	Copies of worker's 12-month respirator fit-test records
<input checked="" type="checkbox"/>	Material safety data sheets (MSDS) for all chemicals to be used
<input checked="" type="checkbox"/>	Emergency phone and pager numbers

Periodic Submittals (as applicable)

<input checked="" type="checkbox"/>	Personal Air Monitoring Results
<input checked="" type="checkbox"/>	Updated worker documentation (as needed)
<input checked="" type="checkbox"/>	Work area access logs (daily)

Project Completion Submittals (within two weeks of project completion)

<input checked="" type="checkbox"/> Certificate of Completion
<input checked="" type="checkbox"/> Disposal information
<input checked="" type="checkbox"/> Copies of completed waste manifests (if any)
<input checked="" type="checkbox"/> Waste profile data (TTLC, TCLP, WET), as applicable.
<input checked="" type="checkbox"/> Personal air sampling results

III Schedule

Start Date: To be Announced
End Date: To be Announced
Time Frame: To be Announced

IV Project Contacts

Company	Name	Phone Number
Westminster School District	Brian Johnson	(714) 264-4036
Patriot Environmental Laboratory Services, Inc.	Fernando Najera	(714) 899-8900

V Site Access

Arrange site access with the school district at project commencement.

VI Special Conditions

Adequate staffing and equipment must be dedicated to these projects to ensure completion of removal work in accordance with the project schedule. It is anticipated that dust control will be necessary, in order to prevent the release of lead dust.

VII Scope of Work

Lead Abatement

Area 1:	Building R1-R3
Method:	Paint surface stabilization, Wet methods & Drop Cloth
Material:	White Ceramic Wall Tile
Approx. Quantity to be Impacted*	TBD
Location:	Classroom R1
Comments:	Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris.

Area 2:	Building R8-R10
Method:	Paint surface stabilization, Wet methods & Drop Cloth
Material:	Gray Ceramic Wall Tile
Approx. Quantity to be Impacted*	TBD
Location:	Boys Restroom
Comments:	Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris.

Area 3:	Building R8-R10
Method:	Paint surface stabilization, Wet methods & Drop Cloth
Material:	Blue Ceramic Wall Tile
Approx. Quantity to be Impacted*	TBD
Location:	Boys Restroom
Comments:	Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris.

Area 4:	Building R15-R17
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Method:	Paint surface stabilization, Wet methods & Drop Cloth
Material:	Pink Ceramic Wall Tile
Approx. Quantity to be Impacted*	TBD
Location:	Girl's Restroom
Comments:	Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris.

Area 5:	Building R21-R23
Method:	Paint surface stabilization, Wet methods & Drop Cloth
Material:	Blue Ceramic Wall Tile
Approx. Quantity to be Impacted*	TBD
Location:	Boy's Restroom
Comments:	Use wet methods and proper tools. Workers extend poly drop cloths adequate to capture paint chip debris.

VIII Monitoring and Clearance Requirements

Area	Inspection	Clearance Type and Number
1 - 5	Visual	3-5 dust wipe samples per work area

September 8, 2023

Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683

Re: **Limited Lead-based Paint Inspection**
Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

PO No: T6000763

Project No: OC164900

Dear Mr. Johnson,

On August 17 & 18, 2023, California DPH Certified Lead Sampling Technician, Mr. Dylan Manning (LRC-00003395) of Patriot Environmental Laboratory Services, Inc. (Patriot) performed a limited lead-based paint (LBP) survey at the above subject property located in Westminster, California. **The purpose of this survey is to identify and assess the Lead-Based Paint (LBP) present at the subject property that will be impacted by a renovation project, for the purpose of complying with the EPA's Renovation Repair and Painting Rule.**

Site Description

The subject property is a school structure. The subject buildings are single-story brick frame buildings set on a cement slab foundation.

Scope of Work

Mr. Dylan Manning (LRC-00003395) of Patriot conducted a limited lead-based paint survey at the subject property. The scope of work for the project, was to perform a limited LBP investigation to identify the LBP present on the interior and exterior painted/coated components and surfaces at the subject property. Suspect LBP was identified based on a walk-through of the interior and exterior of the buildings.

Methodology

A hand-held Heuresis Pb200i x-ray fluorescence (XRF) unit (Serial #2933) was used to determine the presence of lead in painted components and surfaces throughout the interior and exterior areas of the subject structure. This XRF unit utilizes a 5 mCi Cobalt⁵⁷ source dated 2/9/21. Readings were collected from representative interior and exterior building components and surfaces.

According to the HUD Guidelines, the definition of a LBP is any paint, varnish, lacquer, putty, plaster, or similar coating material, which contains lead or its compounds equal to or in excess of 1.0 mg/cm² when measured by a lead detecting instrument or 5,000 parts per million (ppm) by dry weight or more of lead.

All necessary areas of the buildings inspected were accessible to Patriot's representative at the time of this inspection.

Summary of Findings

A total of 250 XRF readings, including calibration readings, were collected by Patriot during the LBP survey conducted at the subject property. **Lead-based paint at concentrations equal to or greater than 1.0 mg/cm² were not identified in the XRF readings from the various representative painted structural components and surfaces tested throughout the subject structures.**

The location of the identified lead-based paints in the **interior** of the site structure by XRF includes the following:

- White Ceramic Tile Wall in Building R1-R3 Classroom R1
- Gray Ceramic Tile Wall in Building R8-R10 Boys Restroom
- Blue Ceramic Tile Wall in Building R8-R10 Boys Restroom
- Pink Ceramic Tile Wall in Building R15-R17 Girls Restroom
- Blue Ceramic Tile Wall in Building R21-R23 Boys Restroom

Recommendations

The results from this inspection should be provided to any individuals that may disturb the painted components and surfaces. Lead levels below the HUD/RRP threshold criteria may exist on painted surfaces throughout the subject property, therefore other lead regulations may apply.

Title X Requirements

A copy of this report must be provided to new lessees (tenants) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to new purchasers and it must be made available to new tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. This report should be maintained and updated as a permanent maintenance record for this property.

The lead-paint determination survey described herein was conducted by the undersigned of Patriot Environmental Laboratory Services, Inc. The investigation consisted solely of the activities described in the introduction to this report.

Reviewed by:



09/8/2023

Zach Levin
California DPH Certified LBP Inspector/ Risk Assessor #LRC-00002458

Date

Attachments: 1) XRF Survey Data
2) Site Plan
3) Certifications
4) DPH 8552 Form



Valued Customer,

Please find attached lead results for your project. For your convenience the following regulatory information is provided.

Through the **EPA**¹, the RRP (Renovation, Repair, and Painting Rule) defines lead based paint as any paint, varnish, lacquer, putty, plaster, or similar coating material which contains lead or its compounds equal to or greater than 5,000 parts per million (ppm) by dry weight, 1.0mg/cm² by XRF, or 0.5% by weight.

Note:

- **5,000 ppm or greater – requires “lead abatement” as defined by the EPA**
- **1 ppm – 4,999 ppm – “lead abatement” as defined by the EPA, NOT required (follow Cal/OSHA rules for worker protection)**
- **0 ppm – no protection required.**

OSHA² regulates any and all levels of lead in paint when that paint is disturbed and exposed to the employee above the action level of 30 micrograms per square meter of air.

The attached data should be provided to any contractor or individual that may disturb painted surfaces with any amount of lead at your project.

If you have any questions regarding your results do not hesitate to contact the Field Department at 714-899-8900. We will be more than happy to assist you with any inquiries you may have regarding this project.

Regards,

The Field Department

tel 714-899-8900 | free 888-743-0998 | fax 714-899-7098 |
fieldservices@patriotlab.com

¹ “Renovation, Repair and Painting (RRP).” *Lead in Paint, Dust, and Soil*. 4 April 2011. 12 April [2011](http://www.epa.gov/lead/pubs/renovation.htm).
www.epa.gov/lead/pubs/renovation.htm.

² “Title 8 California Code of Regulations.” *Cal/OSHA Construction Safety Orders, Lead Section 1532.1*. 6 March 2007. 18 April [2011](http://www.cdph.ca.gov/programs/olppp/Documents/lic.pdf). www.cdph.ca.gov/programs/olppp/Documents/lic.pdf.

XRF Analysis Data



To: Brian Johnson
Westminster School District
14121 Cedarwood Avenue
Westminster, CA 92683
PO No: T6000763

Serial # Pb200I-2933
Site: 13521 Edwards Street
Westminster, CA 92683
Date: 8/17/23 & 8/18/23

Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
1	Calibration - Front							Positive	1.1	1	5	0.2
2	Calibration - Front							Positive	1.2	1	5	0.2
3	Calibration - Front							Positive	1.1	1	5	0.2
4	Wall	Brick	A	Intact	White	R4-R6	Classroom R4	Negative	0.4	1	2	0.4
5	Wall	Plaster	B	Intact	Blue	R4-R6	Classroom R4	Negative	0.5	1	3	0.3
6	Wall	Brick	C	Intact	Gray	R4-R6	Classroom R4	Negative	0.3	1	2	0.4
7	Wall	Wood	D	Intact	Blue	R4-R6	Classroom R4	Negative	0	1	2	0.4
8	Door	Wood	A	Intact	Blue	R4-R6	Classroom R4	Negative	0.2	1	2	0.4
9	Door Jamb	Metal	A	Intact	Blue	R4-R6	Classroom R4	Negative	0.1	1	2	0.4
10	Window Sash	Metal	A	Intact	Blue	R4-R6	Classroom R4	Negative	0.2	1	2	0.4
11	Wall	Brick	A	Intact	White	R4-R6	Classroom R5	Negative	0.4	1	2	0.4
12	Wall	Wood	B	Intact	White	R4-R6	Classroom R5	Negative	0.2	1	2	0.4
13	Wall	Wood	C	Intact	White	R4-R6	Classroom R5	Negative	0.3	1	2	0.4
14	Wall	Wood	D	Intact	Gray	R4-R6	Classroom R5	Negative	0	1	2	0.4
15	Door	Wood	A	Intact	Gray	R4-R6	Classroom R5	Negative	0.1	1	2	0.4
16	Door Jamb	Metal	A	Intact	Blue	R4-R6	Classroom R5	Negative	0.2	1	2	0.4
17	Window Sash	Metal	A	Intact	Blue	R4-R6	Classroom R5	Negative	0.2	1	2	0.4
18	Wall	Brick	A	Intact	White	R4-R6	Classroom R6	Negative	0.2	1	2	0.4
19	Wall	Drywall	B	Intact	Blue	R4-R6	Classroom R6	Negative	0.2	1	2	0.4
20	Wall	Brick	C	Intact	Blue	R4-R6	Classroom R6	Negative	0.3	1	2	0.4
21	Wall	Plaster	D	Intact	Blue	R4-R6	Classroom R6	Negative	0.4	1	2	0.4
22	Door	Wood	A	Intact	Blue	R4-R6	Classroom R6	Negative	0.1	1	2	0.4
23	Door Jamb	Metal	A	Intact	Blue	R4-R6	Classroom R6	Negative	0.2	1	2	0.4
24	Window Sash	Metal	A	Intact	Blue	R4-R6	Classroom R6	Negative	0.2	1	2	0.4
25	Wall	Wood	A	Intact	Blue	R4-R6	Girls Restroom	Negative	0.2	1	2	0.4
26	Wall	Ceramic	B	Intact	White	R4-R6	Girls Restroom	Negative	0.3	1	2	0.4
27	Wall	Ceramic	B	Intact	Gray	R4-R6	Girls Restroom	Negative	0.4	1	2	0.4
28	Ceiling	Ceramic	A	Intact	White	R4-R6	Girls Restroom	Negative	0.3	1	2	0.4
29	Door	Wood	A	Intact	White	R4-R6	Girls Restroom	Negative	0.1	1	2	0.4
30	Door Jamb	Wood	A	Intact	White	R4-R6	Girls Restroom	Negative	0.1	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
31	Wall	Drywall	A	Intact	White	R4-R6	Girls Restroom	Negative	0.1	1	2	0.4
32	Wall	Drywall	C	Intact	White	R4-R6	Office	Negative	0.1	1	2	0.4
33	Wall	Drywall	D	Intact	White	R4-R6	Office	Negative	0.3	1	2	0.4
34	Door	Wood	A	Intact	Blue	R4-R6	Office	Negative	0	1	2	0.4
35	Door Jamb	Metal	A	Intact	Blue	R4-R6	Office	Negative	0.6	1	5	0.2
36	Wall	Plaster	C	Intact	Blue	R4-R6	Utility Closet	Negative	0.7	1	5	0.2
37	Wall	Plaster	D	Intact	Blue	R4-R6	Utility Closet	Negative	0.2	1	2	0.4
38	Door	Wood	A	Intact	Blue	R4-R6	Utility Closet	Negative	0.2	1	2	0.4
39	Door Jamb	Metal	A	Intact	Blue	R4-R6	Utility Closet	Negative	0.6	1	5	0.3
40	Fascia	Wood	A	Intact	White	R4-R6	Exterior	Negative	0.5	1	3	0.3
41	Soffit	Wood	A	Intact	White	R4-R6	Exterior	Negative	0	1	2	0.4
42	Ledge	Wood	A	Intact	White	R4-R6	Exterior	Negative	0.4	1	2	0.4
43	Wall	Wood	A	Intact	White	R4-R6	Exterior	Negative	0.4	1	2	0.4
44	Wall	Brick	A	Intact	White	R1-R3	Classroom R1	Negative	0.2	1	2	0.4
45	Wall	Drywall	A	Intact	White	R1-R3	Classroom R1	Negative	0.1	1	2	0.4
46	Wall	Ceramic	A	Intact	White	R1-R3	Classroom R1	Positive	14.2	1	2	0.4
47	Wall	Drywall	B	Intact	White	R1-R3	Classroom R1	Negative	0.4	1	2	0.4
48	Wall	Brick	C	Intact	Gray	R1-R3	Classroom R1	Negative	0.2	1	2	0.4
49	Wall	Brick	D	Intact	White	R1-R3	Classroom R1	Negative	0.3	1	2	0.4
50	Wall	Plaster	A	Intact	White	R1-R3	Classroom R1	Negative	0.1	1	2	0.4
51	Window Sash	Metal	A	Intact	White	R1-R3	Classroom R1	Negative	0.2	1	2	0.4
52	Door	Wood	A	Intact	Blue	R1-R3	Classroom R1	Negative	0	1	2	0.4
53	Wall	Brick	A	Intact	White	R1-R3	Classroom R2	Negative	0.1	1	2	0.4
54	Wall	Wood	B	Intact	Blue	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
55	Wall	Wood	C	Intact	Blue	R1-R3	Classroom R2	Negative	0.4	1	2	0.4
56	Wall	Wood	D	Intact	Blue	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
57	Wall	Ceramic	D	Intact	Blue	R1-R3	Classroom R2	Negative	0.1	1	2	0.4
58	Wall	Ceramic	A	Intact	Blue	R1-R3	Classroom R2	Negative	0.3	1	2	0.4
59	Wall	Plaster	A	Intact	White	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
60	Door	Wood	A	Intact	White	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
61	Door Jamb	Metal	A	Intact	Blue	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
62	Window Sash	Metal	A	Intact	White	R1-R3	Classroom R2	Negative	0.2	1	2	0.4
63	Wall	Wood	A	Intact	White	R1-R3	Classroom R3	Negative	0.5	1	2	0.4
64	Wall	Wood	B	Intact	White	R1-R3	Classroom R3	Negative	0.6	1	5	0.3
65	Wall	Wood	C	Intact	White	R1-R3	Classroom R3	Negative	0.4	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
66	Wall	Wood	D	Intact	White	R1-R3	Classroom R3	Negative	0.1	1	2	0.4
67	Wall	Wood	A	Intact	White	R1-R3	Classroom R3	Negative	0.1	1	2	0.4
68	Door Jamb	Wood	A	Intact	White	R1-R3	Classroom R3	Negative	0.1	1	2	0.4
69	Window Sash	Wood	A	Intact	White	R1-R3	Classroom R3	Negative	0.2	1	2	0.4
70	Fascia	Wood	A	Intact	White	R1-R3	Exterior	Negative	0	1	2	0.4
71	Soffit	Stucco	A	Intact	White	R1-R3	Exterior	Negative	0.1	1	2	0.4
72	Wall	Plaster	A	Intact	White	Admin	Office	Negative	0	1	2	0.4
73	Wall	Plaster	B	Intact	White	Admin	Office	Negative	0.1	1	2	0.4
74	Wall	Drywall	C	Intact	White	Admin	Office	Negative	0.1	1	2	0.4
75	Wall	Drywall	D	Intact	White	Admin	Office	Negative	0.4	1	2	0.4
76	Wall	Ceramic	A	Intact	White	Admin	Bathroom	Negative	0.6	1	3	0.3
77	Wall	Ceramic	A	Intact	White	Admin	Bathroom	Negative	0.4	1	2	0.4
78	Wall	Plaster	A	Intact	White	Admin	Bathroom	Negative	0.4	1	2	0.4
79	Door Jamb	Metal	A	Intact	White	Admin	Bathroom	Negative	0.1	1	2	0.4
80	Wall	Drywall	A	Intact	White	Admin	Bathroom 2	Negative	0.3	1	2	0.4
81	Wall	Concrete	B	Intact	White	Admin	Bathroom 2	Negative	0.3	1	2	0.4
82	Wall	Drywall	C	Intact	White	Admin	Bathroom 2	Negative	0.5	1	3	0.3
83	Wall	Drywall	D	Intact	White	Admin	Bathroom 2	Negative	0.3	1	2	0.4
84	Door	Wood	A	Intact	White	Admin	Bathroom 2	Negative	0	1	2	0.4
85	Door Jamb	Wood	A	Intact	Gray	Admin	Bathroom 2	Negative	0.3	1	2	0.4
86	Wall	Plaster	A	Intact	Blue	Admin	Bathroom 2	Negative	0.3	1	2	0.4
87	Wall	Plaster	D	Intact	Blue	Admin	Utility Closet	Negative	0.5	1	3	0.3
88	Door	Wood	D	Intact	Blue	Admin	Utility Closet	Negative	0.1	1	2	0.4
89	Door Jamb	Metal	D	Intact	Blue	Admin	Utility Closet	Negative	0.5	1	4	0.3
90	Access Panel	Metal	C	Intact	Gray	Admin	Exterior	Negative	0.1	1	2	0.4
91	Vent	Metal	C	Intact	Blue	Admin	Exterior	Negative	0.8	1	5	0.2
92	Railing	Metal	C	Intact	Blue	Admin	Exterior	Negative	0.1	1	2	0.4
93	Railing	Wood	C	Intact	Gray	Admin	Exterior	Negative	0.1	1	2	0.4
94	Fascia	Wood	A	Intact	Gray	Admin	Exterior	Negative	0.1	1	2	0.4
95	Soffit	Stucco	A	Intact	Gray	Admin	Exterior	Negative	0.4	1	2	0.4
96	Wall	Wood	A	Intact	White	R8-R10	Classroom R8	Negative	0.1	1	2	0.4
97	Wall	Wood	B	Intact	Blue	R8-R10	Classroom R8	Negative	0.3	1	2	0.4
98	Wall	Wood	C	Intact	Blue	R8-R10	Classroom R8	Negative	0.6	1	4	0.3
99	Wall	Wood	D	Intact	Blue	R8-R10	Classroom R8	Negative	0.2	1	2	0.4
100	Door	Wood	A	Intact	Blue	R8-R10	Classroom R8	Negative	0.1	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
101	Door Jamb	Metal	A	Intact	Blue	R8-R10	Classroom R8	Negative	0.1	1	2	0.4
102	Window Sash	Metal	A	Intact	White	R8-R10	Classroom R8	Negative	0.2	1	2	0.4
103	Wall	Brick	A	Intact	White	R8-R10	Classroom R9	Negative	0.3	1	2	0.4
104	Wall	Wood	B	Intact	White	R8-R10	Classroom R9	Negative	0.1	1	2	0.4
105	Wall	Brick	C	Intact	White	R8-R10	Classroom R9	Negative	0.4	1	2	0.4
106	Wall	Wood	D	Intact	Blue	R8-R10	Classroom R9	Negative	0.2	1	2	0.4
107	Door	Wood	A	Intact	Blue	R8-R10	Classroom R9	Negative	0	1	2	0.4
108	Door Jamb	Metal	A	Intact	Gray	R8-R10	Classroom R9	Negative	0.1	1	2	0.4
109	Window Sash	Metal	A	Intact	White	R8-R10	Classroom R9	Negative	0.2	1	2	0.4
110	Wall	Brick	A	Intact	White	R8-R10	Classroom R10	Negative	0.2	1	2	0.4
111	Wall	Drywall	B	Intact	White	R8-R10	Classroom R10	Negative	0	1	2	0.4
112	Wall	Brick	C	Intact	White	R8-R10	Classroom R10	Negative	0.3	1	2	0.4
113	Wall	Plaster	D	Intact	White	R8-R10	Classroom R10	Negative	0	1	2	0.4
114	Door	Wood	A	Intact	Blue	R8-R10	Classroom R10	Negative	0.2	1	2	0.4
115	Door Jamb	Metal	A	Intact	Blue	R8-R10	Classroom R10	Negative	0.1	1	2	0.4
116	Wall	Ceramic	A	Intact	Gray	R8-R10	Boys Restroom	Positive	2.3	1	2	0.4
117	Wall	Ceramic	A	Intact	Blue	R8-R10	Boys Restroom	Positive	2.3	1	2	0.4
118	Wall	Ceramic	A	Intact	Gray	R8-R10	Boys Restroom	Negative	0.3	1	2	0.4
119	Ceiling	Plaster		Intact	Gray	R8-R10	Boys Restroom	Negative	0.2	1	2	0.4
120	Door	Wood	A	Intact	Blue	R8-R10	Boys Restroom	Negative	0.2	1	2	0.4
121	Door Jamb	Metal	A	Intact	Blue	R8-R10	Boys Restroom	Negative	0.1	1	2	0.4
122	Fascia	Wood	A	Intact	White	R8-R10	Exterior	Negative	0.1	1	2	0.4
123	Soffit	Stucco	A	Intact	White	R8-R10	Exterior	Negative	0.1	1	2	0.4
124	Wall	Brick	A	Intact	White	R11-R14	Laundry Room	Negative	0.2	1	2	0.4
125	Wall	Drywall	B	Intact	White	R11-R14	Laundry Room	Negative	0.1	1	2	0.4
126	Wall	Brick	C	Intact	White	R11-R14	Laundry Room	Negative	0.3	1	2	0.4
127	Wall	Drywall	D	Intact	White	R11-R14	Laundry Room	Negative	0.1	1	2	0.4
128	Door	Wood	A	Intact	White	R11-R14	Laundry Room	Negative	0	1	2	0.4
129	Door Jamb	Metal	A	Intact	White	R11-R14	Laundry Room	Negative	0.1	1	2	0.4
130	Window Sash	Metal	A	Intact	White	R11-R14	Laundry Room	Negative	0.1	1	2	0.4
131	Wall	Brick	A	Intact	White	R11-R14	Classroom R12	Negative	0.4	1	2	0.4
132	Wall	Brick	B	Intact	Gray	R11-R14	Classroom R12	Negative	0.2	1	2	0.4
133	Wall	Brick	C	Intact	White	R11-R14	Classroom R12	Negative	0.2	1	2	0.4
134	Wall	Drywall	D	Intact	White	R11-R14	Classroom R12	Negative	0.1	1	2	0.4
135	Door	Wood	A	Intact	Blue	R11-R14	Classroom R12	Negative	0.2	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
136	Door Jamb	Metal	A	Intact	Blue	R11-R14	Classroom R12	Negative	0	1	2	0.4
137	Window Sash	Metal	A	Intact	White	R11-R14	Classroom R12	Negative	0.1	1	2	0.4
138	Wall	Brick	A	Intact	White	R11-R14	Classroom R13	Negative	0.4	1	2	0.4
139	Wall	Ceramic	B	Intact	Gray	R11-R14	Classroom R13	Negative	0.2	1	2	0.4
140	Wall	Ceramic	C	Intact	Gray	R11-R14	Classroom R13	Negative	0.3	1	2	0.4
141	Wall	Ceramic	D	Intact	White	R11-R14	Classroom R13	Negative	0	1	2	0.4
142	Door	Wood	A	Intact	White	R11-R14	Classroom R13	Negative	0.1	1	2	0.4
143	Door Jamb	Metal	A	Intact	White	R11-R14	Classroom R13	Negative	0.1	1	2	0.4
144	Window Sash	Metal	A	Intact	White	R11-R14	Classroom R13	Negative	0.1	1	2	0.4
145	Wall	Brick	A	Intact	White	R11-R14	Classroom R14	Negative	0.1	1	2	0.4
146	Wall	Brick	B	Intact	White	R11-R14	Classroom R14	Negative	0	1	2	0.4
147	Wall	Ceramic	C	Intact	White	R11-R14	Classroom R14	Negative	0.1	1	2	0.4
148	Wall	Brick	D	Intact	White	R11-R14	Classroom R14	Negative	0.1	1	2	0.4
149	Door	Wood	A	Intact	Blue	R11-R14	Classroom R14	Negative	0.2	1	2	0.4
150	Door Jamb	Metal	A	Intact	Blue	R11-R14	Classroom R14	Negative	0	1	2	0.4
151	Window Sash	Metal	A	Intact	White	R11-R14	Classroom R14	Negative	0.2	1	2	0.4
152	Soffit	Stucco	A	Intact	White	R11-R14	Exterior	Negative	0	1	2	0.4
153	Fascia	Stucco	A	Intact	White	R11-R14	Exterior	Negative	0	1	2	0.4
154	Calibration							Positive	1.1	1	5	0.2
155	Calibration							Positive	1.1	1	5	0.2
156	Calibration							Positive	1.1	1	5	0.2
157	Calibration							Positive	1.1	1	5	0.2
158	Calibration							Positive	1.2	1	5	0.2
159	Calibration							Positive	1.2	1	5	0.2
160	Calibration							Positive	1.1	1	5	0.2
161	Wall	Wood	A	Intact	White	R15-R17	Classroom R15	Negative	0.3	1	2	0.4
162	Wall	Wood	B	Intact	White	R15-R17	Classroom R15	Negative	0	1	2	0.4
163	Wall	Wood	C	Intact	White	R15-R17	Classroom R15	Negative	0.4	1	2	0.4
164	Wall	Wood	D	Intact	Gray	R15-R17	Classroom R15	Negative	0.4	1	2	0.4
165	Door	Wood	A	Intact	Gray	R15-R17	Classroom R15	Negative	0.2	1	2	0.4
166	Door Jamb	Metal	A	Intact	Blue	R15-R17	Classroom R15	Negative	0.1	1	2	0.4
167	Window Sash	Metal	A	Intact	White	R15-R17	Classroom R15	Negative	0.1	1	2	0.4
168	Wall	Brick	A	Intact	White	R15-R17	Classroom R16	Negative	0.3	1	2	0.4
169	Wall	Wood	B	Intact	Gray	R15-R17	Classroom R16	Negative	0.1	1	2	0.4
170	Wall	Wood	C	Intact	White	R15-R17	Classroom R16	Negative	0.3	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
171	Wall	Wood	D	Intact	White	R15-R17	Classroom R16	Negative	0.2	1	2	0.4
172	Door	Wood	A	Intact	Blue	R15-R17	Classroom R16	Negative	0.1	1	2	0.4
173	Door Jamb	Metal	A	Intact	Blue	R15-R17	Classroom R16	Negative	0.3	1	2	0.4
174	Window Sash	Metal	A	Intact	White	R15-R17	Classroom R16	Negative	0.1	1	2	0.4
175	Wall	Brick	A	Intact	White	R15-R17	Classroom R17	Negative	0.1	1	2	0.4
176	Wall	Plaster	B	Intact	White	R15-R17	Classroom R17	Negative	0.4	1	2	0.4
177	Wall	Brick	C	Intact	White	R15-R17	Classroom R17	Negative	0.2	1	2	0.4
178	Door	Wood	A	Intact	White	R15-R17	Classroom R17	Negative	0	1	2	0.4
179	Door Jamb	Metal	A	Intact	White	R15-R17	Classroom R17	Negative	0.2	1	2	0.4
180	Window Sash	Metal	A	Intact	Blue	R15-R17	Classroom R17	Negative	0.1	1	2	0.4
181	Wall	Ceramic	A	Intact	Pink	R15-R17	Girls Restroom	Positive	13.4	1	2	0.4
182	Wall	Ceramic	C	Intact	Blue	R15-R17	Girls Restroom	Negative	0.3	1	2	0.4
183	Wall	Ceramic	A	Intact	Blue	R15-R17	Girls Restroom	Negative	0.5	1	3	0.3
184	Wall	Wood	A	Intact	Blue	R15-R17	Girls Restroom	Negative	0.2	1	2	0.4
185	Wall	Plaster	A	Intact	Blue	R15-R17	Girls Restroom	Negative	0.4	1	2	0.4
186	Door	Wood	A	Intact	Blue	R15-R17	Girls Restroom	Negative	0.2	1	2	0.4
187	Door Jamb	Metal	A	Intact	Gray	R15-R17	Girls Restroom	Negative	0.1	1	2	0.4
188	Door Jamb	Metal	A	Intact	Gray	R15-R17	Utility Closet	Negative	0.7	1	5	0.2
189	Door	Wood	A	Intact	Gray	R15-R17	Utility Closet	Negative	0.1	1	2	0.4
190	Wall	Plaster	C	Intact	Blue	R15-R17	Utility Closet	Negative	0.3	1	3	0.3
191	Wall	Plaster	A	Intact	White	R15-R17	Utility Closet	Negative	0.4	1	2	0.4
192	Soffit	Plaster	A	Intact	White	R15-R17	Exterior	Negative	0.1	1	2	0.4
193	Fascia	Wood	A	Intact	White	R15-R17	Exterior	Negative	0.1	1	2	0.4
194	Wall	Brick	A	Intact	White	R18-R20	Classroom R18	Negative	0.4	1	2	0.4
195	Wall	Wood	B	Intact	White	R18-R20	Classroom R18	Negative	0.4	1	2	0.4
196	Wall	Brick	C	Intact	White	R18-R20	Classroom R18	Negative	0.4	1	2	0.4
197	Wall	Brick	D	Intact	Gray	R18-R20	Classroom R18	Negative	0.3	1	2	0.4
198	Door	Wood	A	Intact	Gray	R18-R20	Classroom R18	Negative	0	1	2	0.4
199	Door Jamb	Metal	A	Intact	Gray	R18-R20	Classroom R18	Negative	0.1	1	2	0.4
200	Window Sash	Metal	A	Intact	White	R18-R20	Classroom R18	Negative	0.1	1	2	0.4
201	Wall	Brick	A	Intact	White	R18-R20	Classroom R19	Negative	0.1	1	2	0.4
202	Wall	Wood	B	Intact	Gray	R18-R20	Classroom R19	Negative	0.1	1	2	0.4
203	Wall	Wood	C	Intact	White	R18-R20	Classroom R19	Negative	0.3	1	2	0.4
204	Wall	Wood	D	Intact	White	R18-R20	Classroom R19	Negative	0.2	1	2	0.4
205	Door	Wood	A	Intact	Blue	R18-R20	Classroom R19	Negative	0.1	1	2	0.4

XRF Analysis Data



Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
206	Door Jamb	Metal	A	Intact	Blue	R18-R20	Classroom R19	Negative	0.1	1	2	0.4
207	Window Sash	Metal	A	Intact	White	R18-R20	Classroom R19	Negative	0.2	1	2	0.4
208	Wall	Brick	A	Intact	White	R18-R20	Classroom R20	Negative	0.3	1	2	0.4
209	Wall	Plaster	B	Intact	White	R18-R20	Classroom R20	Negative	0	1	2	0.4
210	Wall	Brick	C	Intact	White	R18-R20	Classroom R20	Negative	0.2	1	2	0.4
211	Wall	Wood	D	Intact	White	R18-R20	Classroom R20	Negative	0.1	1	2	0.4
212	Door	Wood	A	Intact	White	R18-R20	Classroom R20	Negative	0	1	2	0.4
213	Door Jamb	Metal	A	Intact	Blue	R18-R20	Classroom R20	Negative	0.2	1	2	0.4
214	Wall	Plaster	C	Intact	White	R18-R20	Utility Closet	Negative	0.5	1	3	0.3
215	Wall	Plaster	A	Intact	White	R18-R20	Utility Closet	Negative	0.5	1	3	0.3
216	Door	Wood		Intact	Gray	R18-R20	Utility Closet	Negative	0.2	1	2	0.4
217	Door Jamb	Metal	A	Intact	Gray	R18-R20	Utility Closet	Negative	0.7	1	5	0.2
218	Soffit	Plaster	A	Intact	Gray	R18-R20	Exterior	Negative	0.4	1	2	0.4
219	Fascia	Wood	A	Intact	Blue	R18-R20	Exterior	Negative	0.3	1	2	0.4
220	Wall	Brick	A	Intact	White	R21-R23	Classroom R21	Negative	0.4	1	2	0.4
221	Wall	Wood	B	Intact	White	R21-R23	Classroom R21	Negative	0.1	1	2	0.4
222	Wall	Wood	C	Intact	White	R21-R23	Classroom R21	Negative	0.3	1	2	0.4
223	Wall	Wood	D	Intact	Blue	R21-R23	Classroom R21	Negative	0.2	1	2	0.4
224	Door	Wood	A	Intact	Blue	R21-R23	Classroom R21	Negative	0.1	1	2	0.4
225	Door Jamb	Metal	A	Intact	Blue	R21-R23	Classroom R21	Negative	0.1	1	2	0.4
226	Window Sash	Metal	A	Intact	White	R21-R23	Classroom R21	Negative	0.1	1	2	0.4
227	Wall	Brick	A	Intact	White	R21-R23	Classroom R22	Negative	0.4	1	2	0.4
228	Wall	Wood	B	Intact	White	R21-R23	Classroom R22	Negative	0.1	1	2	0.4
229	Wall	Brick	C	Intact	White	R21-R23	Classroom R22	Negative	0.2	1	2	0.4
230	Wall	Wood	D	Intact	White	R21-R23	Classroom R22	Negative	0.1	1	2	0.4
231	Door	Wood	A	Intact	Blue	R21-R23	Classroom R22	Negative	0.1	1	2	0.4
232	Door Jamb	Metal	A	Intact	Gray	R21-R23	Classroom R22	Negative	0.1	1	2	0.4
233	Wall	Brick	A	Intact	White	R21-R23	Classroom R23	Negative	0.3	1	2	0.4
234	Wall	Plaster	B	Intact	White	R21-R23	Classroom R23	Negative	0	1	2	0.4
235	Wall	Brick	C	Intact	White	R21-R23	Classroom R23	Negative	0.2	1	2	0.4
236	Wall	Wood	D	Intact	Blue	R21-R23	Classroom R23	Negative	0.2	1	2	0.4
237	Door	Wood	A	Intact	Blue	R21-R23	Classroom R23	Negative	0.1	1	2	0.4
238	Door Jamb	Wood	A	Intact	Blue	R21-R23	Classroom R23	Negative	0.1	1	2	0.4
239	Window	Metal	A	Intact	White	R21-R23	Classroom R23	Negative	0.3	1	2	0.4
240	Wall	Ceramic	A	Intact	Blue	R21-R23	Boys Restroom	Negative	0.2	1	2	0.4

XRF Analysis Data

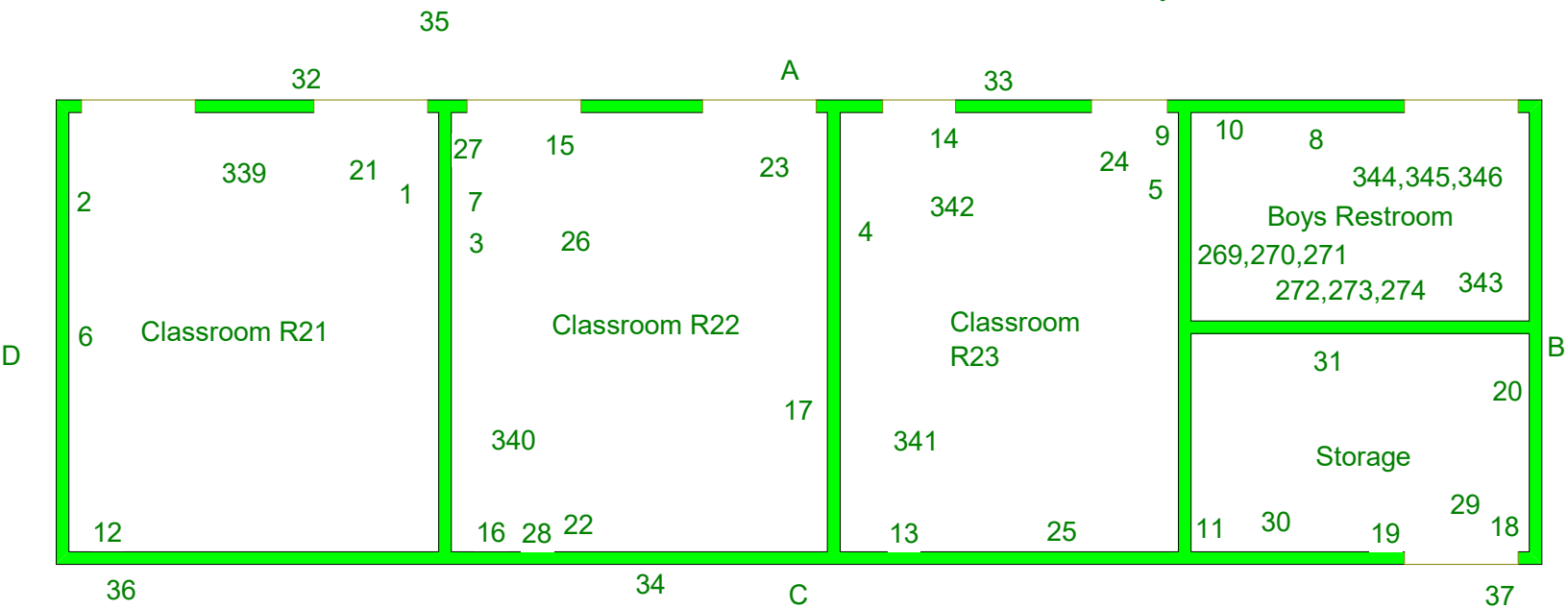


Reading No	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	Building	ROOM	Results	mgcm2	Action Level	Nom Secs	3 SD
241	Wall	Ceramic	A	Intact	Blue	R21-R23	Boys Restroom	Positive	11	1	2	0.4
242	Wall	Ceramic	A	Intact	Blue	R21-R23	Boys Restroom	Negative	0.4	1	2	0.4
243	Door	Wood	A	Intact	Blue	R21-R23	Boys Restroom	Negative	0.1	1	2	0.4
244	Door	Metal	A	Intact	Blue	R21-R23	Boys Restroom	Negative	0.1	1	2	0.4
245	Wall	Plaster	A	Intact	White	R21-R23	Boys Restroom	Negative	0.2	1	2	0.4
246	Soffit	Plaster	A	Intact	White	R21-R23	Exterior	Negative	0.1	1	2	0.4
247	Fascia	Wood	A	Intact	White	R21-R23	Exterior	Negative	0.2	1	2	0.4
248	Calibration - Back							Positive	1.2	1	5	0.2
249	Calibration - Back							Positive	1.2	1	5	0.2
250	Calibration - Back							Positive	1.2	1	5	0.2
*	FIRST 3, MIDDLE 7, AND LAST 3 READINGS ARE CALIBRATION CHECKS ONLY											
*	BOLD ROW INDICATES COMPONENTS POSITIVE FOR LEAD											

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

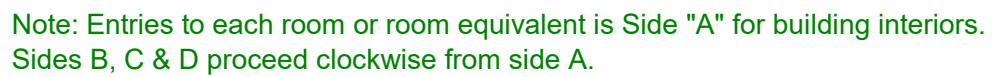
Project No: OC164900



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

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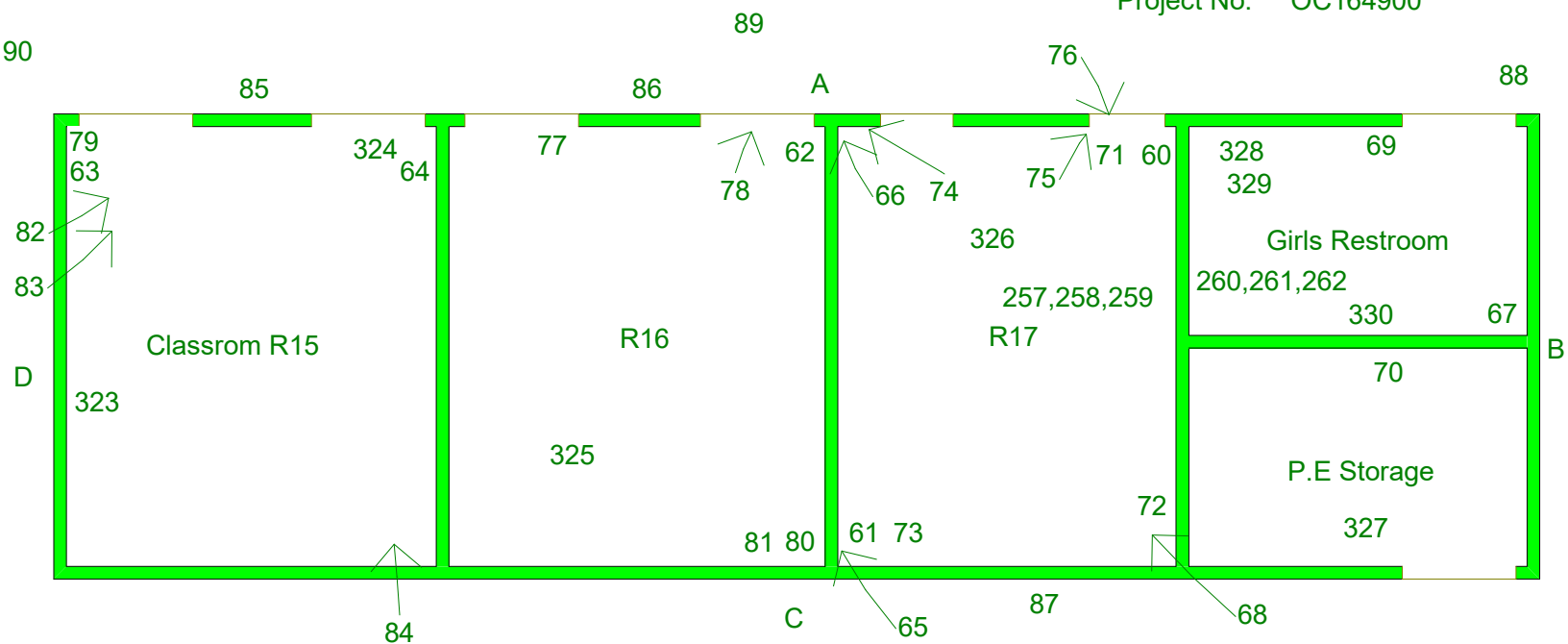


D

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900

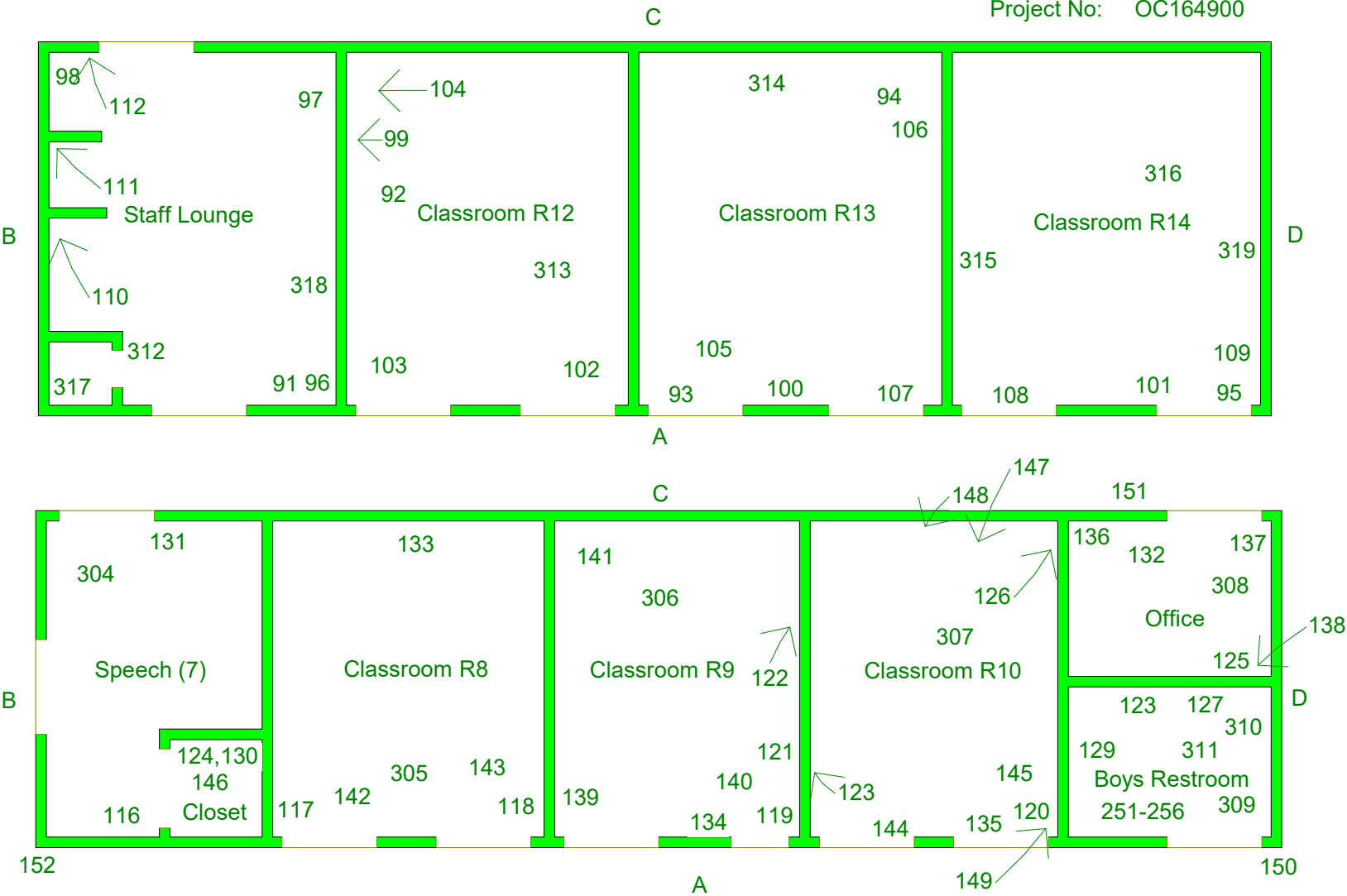


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900

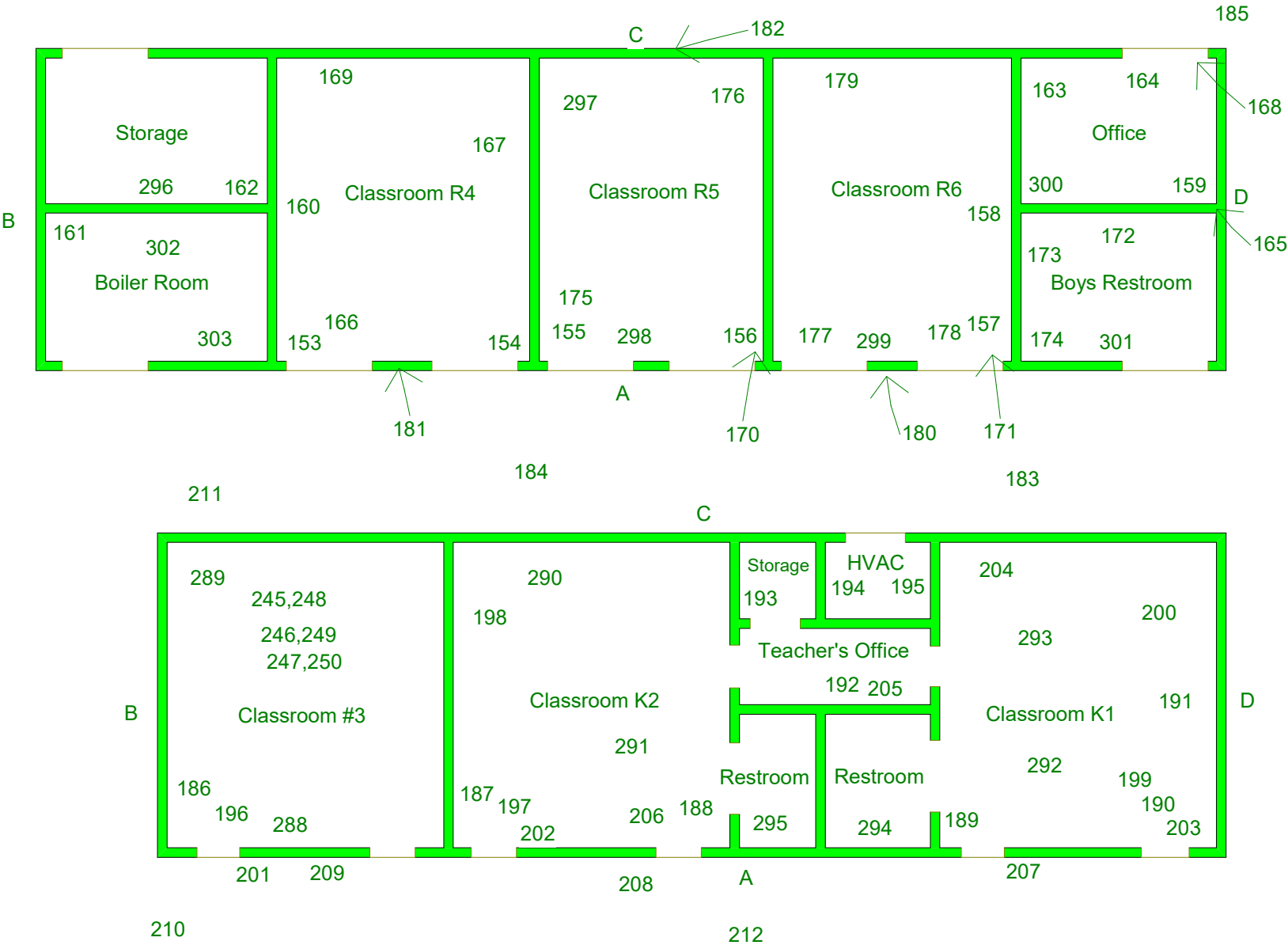


Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing
(Drawing Not To Scale)

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No: OC164900



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Sample Location Drawing

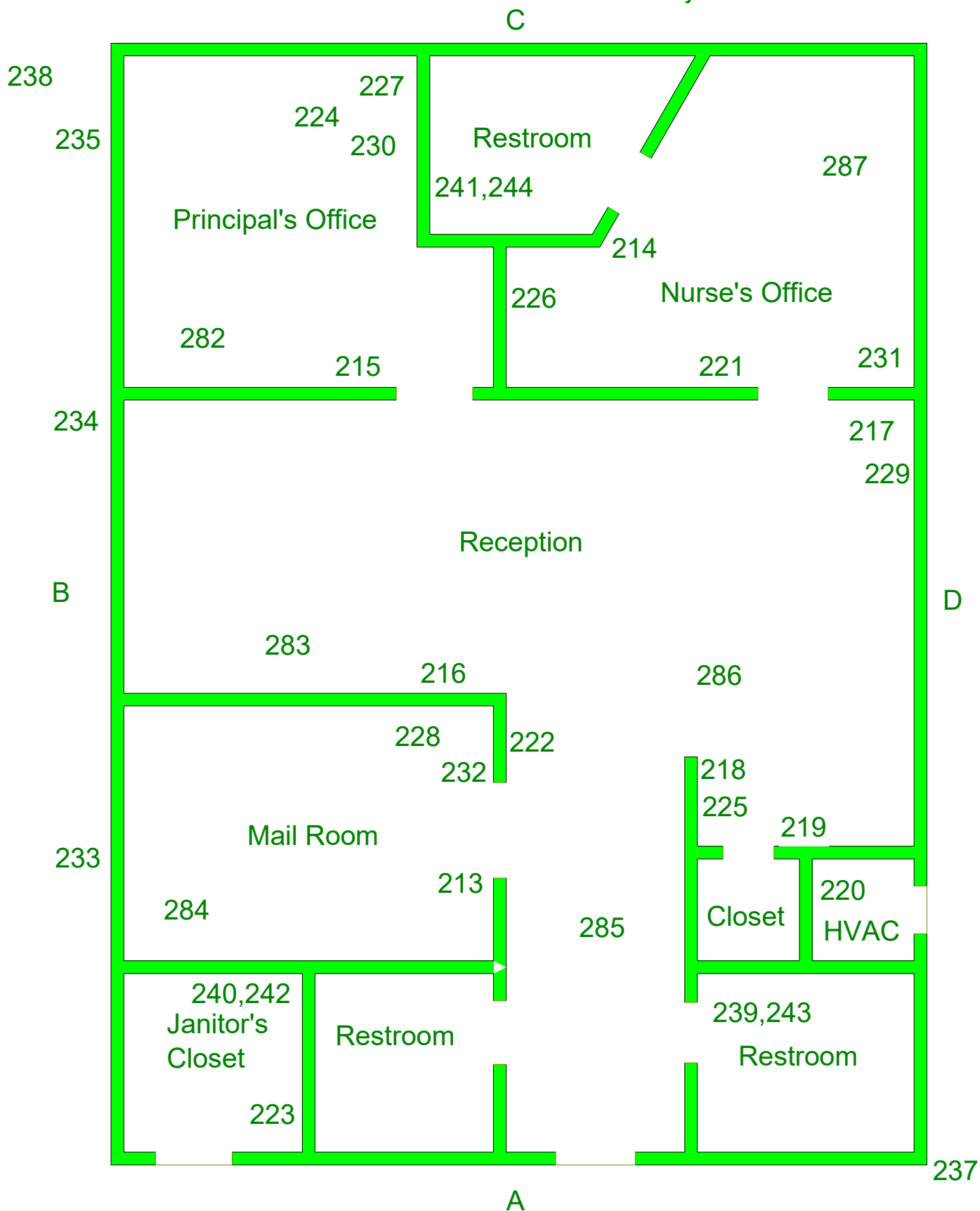
(Drawing Not to Scale)

Finley Elementary School

13521 Edwards Street

Westminster, CA 92683

Project No: OC164900



Note: Entries to each room or room equivalent is Side "A" for building interiors.
Sides B, C & D proceed clockwise from side A.

Finley Elementary School

Site Plan

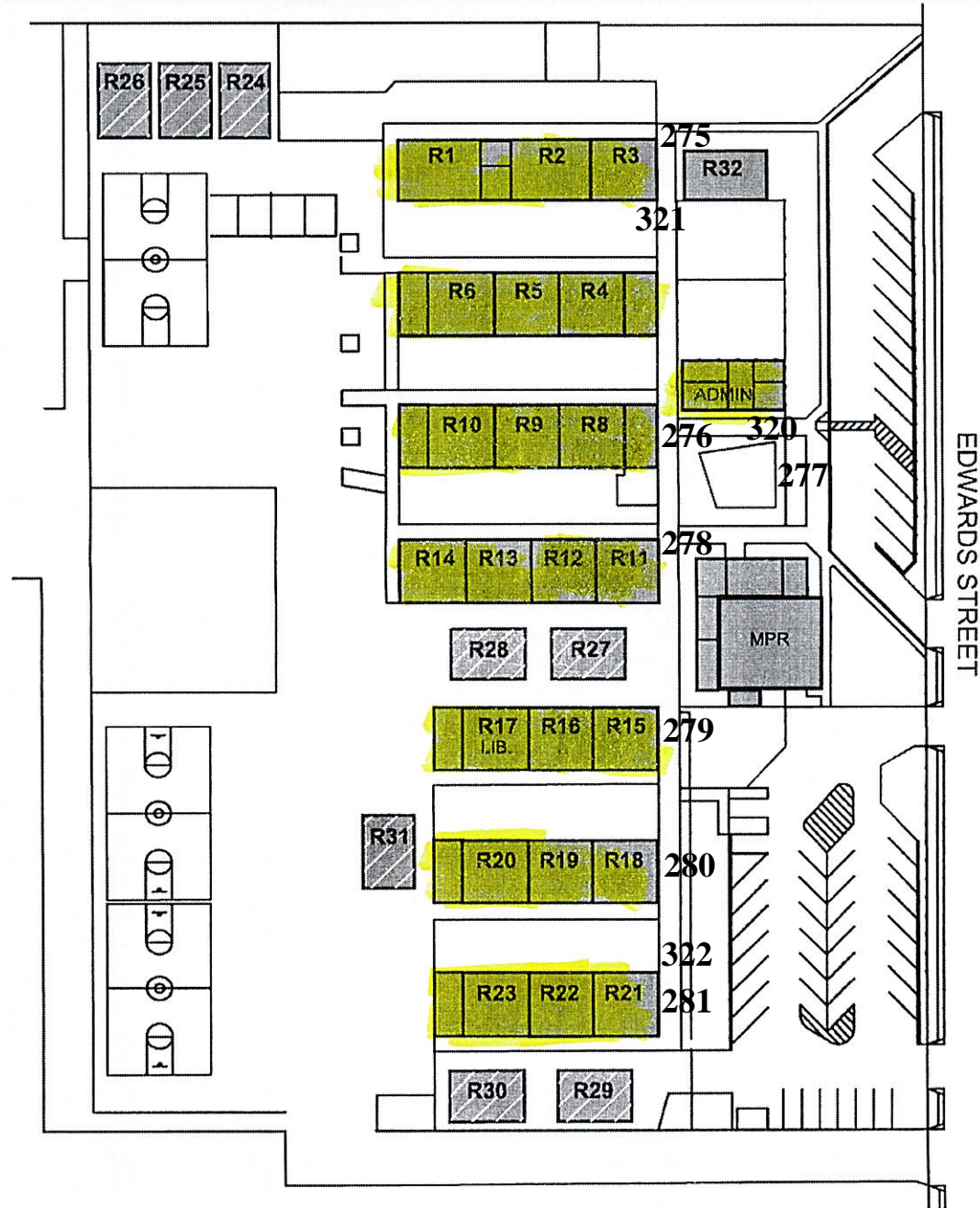
2020-2021

Westminster School District

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683
(714) 895-7764

Finley Elementary School
13521 Edwards Street
Westminster, CA 92683

Project No:OC164900





STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Dylan Manning

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003395

EXPIRATION DATE:

5/25/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Zach Levin

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00002458

EXPIRATION DATE:

8/23/2024

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** _____**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
Construction date (year) of structure	Type of structure		Children living in structure?	
	<input type="checkbox"/> Multi-unit building	<input type="checkbox"/> School or daycare	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Single family dwelling	<input type="checkbox"/> Other _____	<input type="checkbox"/> Don't Know	


Section 4 — Owner of Structure (if business/agency, list contact person)

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

☐ No lead-based paint detected ☐ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected
☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
CDPH certification number	Signature 	Date	

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
B. Each testing method, device, and sampling procedure used;
C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656