



Engineering + Environmental

February 2, 2017

Courtney Wilton
Portland Public Schools
501 North Dixon
Portland, OR 97227

Via email: cwilton@pps.net

Regarding: Lead Paint Condition Assessment
Irvington Elementary School
1320 NE Brazee Street
Portland, Oregon 97212
PBS Project: 6500.721 Phase 0025

Dear Mr. Wilton:

On January 24, 2017, PBS Engineering and Environmental Inc. conducted a visual inspection and assessment of painted and varnished surfaces on the interior and exterior of Irvington Elementary School located at 1320 NE Brazee Street in Portland, Oregon.

PBS assessed painted and varnished interior and exterior hard surfaces as well as concrete, asphalt, soil, garden spaces, compost piles, playground equipment, and windowsills adjacent or in close proximity to deteriorated painted or varnished surfaces.

Paint and varnish conditions were assessed using US Department of Housing and Urban Development (HUD) guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing (2012 Addition) Chapter 5: Risk Assessment and Reevaluation.

It is assumed that all paint and varnish at the school contain some concentration of lead. The purpose of this investigation is to identify those finishes in deteriorated condition.

FINDINGS

Overall, the building's painted and varnished surfaces were found to be in fair and intact condition with areas of deteriorated conditions. A table listing the locations and quantity of surfaces in deteriorated condition is attached to this report.

No paint chips were observed in the school's compost pile or garden spaces.

The school has mostly new metal-frame windows in classrooms, and old painted metal and wood frame windows in the cafeteria, stairwells, courtyards, and hallways. Paint chips were observed in old windowsills and troughs in second-floor south stairwell windows, windows above hallway exterior doors, cafeteria windows, courtyard windows, and in window wells on the southeast and southwest ends of the building.

Cracked paint was observed on main floor exterior window frames on the west side of the building as well as south gym windows. Gymnasium windows were observed to be dusty.

Areas of high concern noted during PBS' site visit were peeling paint on plaster walls around radiators in some locations, primarily in second-floor classrooms.

4412 SW Corbett Avenue, Portland, OR 97239
503.248.1939 Main
866.727.0140 Fax
888.248.1939 Toll-Free
www.pbsenv.com

Painted playground and parking lot striping and curbing often contain lead and are generally in deteriorated condition due to weatherization and traffic. PBS did not assess this paint, but recommends restriping, as needed, to maintain in intact condition.

RECOMMENDATIONS

PBS recommends that all painted or varnished surfaces in deteriorated condition noted on the attached table be stabilized. Paint chips on old windowsills and troughs, and window wells on the southeast and southwest ends of the building should be removed. Peeling paint on plaster walls around radiators should be stabilized.

Please feel free to contact me at 503 417 7691 or clark@pbsenv.com with any questions or comments.

Sincerely,
PBS Engineering and Environmental Inc.



Clark Nelson, CIH
Senior Project Manager

Attachments: Condition Assessment of Deteriorated Paint/Varnish Table
Field Drawing of Deteriorated Paint and Varnish Locations
Lead-based Paint Risk Assessor Certification (Clark Nelson)
Lead-based Paint Activities Firm Certification (PBS Engineering and Environmental)

CN:DM:bmp

Irvington Elementary School
Assessment of Paint/Varnish in Deteriorated Condition

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|-------------------------------------|--------------------------------|-------------------------|-------------|-----------|----------|
| A | Interior | Classroom 100 | Doors, frames, and cabinets | Above and below | Yes | Wood | 40 |
| B | Interior | Classroom 100 | Walls | Above and below | Yes | Plaster | 20 |
| C | Interior | Classroom 100 | Windowsills | Below | Yes | Wood | 10 |
| D | Interior | Classroom 100 | Radiator | Below | Yes | Metal | 20 |
| E | Interior | Southeast stairwell | Linoleum floor and curbing | Below | Yes | Linolium | 200 |
| F | Interior | Southeast stairwell | Handrails | Below | Yes | Wood | 40 |
| G | Interior | Southeast stairwell | Door, frames, and window frame | Above and below | Yes | Wood | 60 |
| H | Interior | Southeast stairwell | Walls | Below | Yes | Plaster | 10 |
| I | Interior | Southeast stairwell | Crawl space hatch door | Below | Yes | Wood | 5 |
| J | Interior | Boiler room hallway | Door and frames | Above and below | No | Wood | 20 |
| K | Interior | Cafeteria | Door and frames | Above and below | Yes | Wood | 40 |
| L | Interior | Cafeteria hallway, girl's restroom | Door and frames | Above and below | Yes | Wood | 20 |
| M | Interior | Cafeteria hallway, girl's restroom | Walls | Above | Yes | Plaster | 10 |
| N | Interior | Cafeteria hallway, girl's restroom | Radiator | Below | Yes | Metal | 20 |
| O | Interior | Cafeteria hallway, custodial closet | Door and frames | Above and below | No | Wood | 20 |
| P | Interior | Cafeteria hallway, custodial closet | Walls | Above and below | No | Plaster | 30 |
| Q | Interior | Cafeteria hallway | Lockers | Below | Yes | Metal | 50 |
| R | Interior | Cafeteria hallway | Linoleum floor and curbing | Below | Yes | Linoleum | 1500 |
| S | Interior | Cafeteria | Walls and ceiling | Above and below | Yes | Plaster | 50 |
| T | Interior | Cafeteria | Window frames | Above | Yes | Wood | 20 |
| U | Interior | Kitchen and associated rooms | Door and frames | Above and below | No | Wood | 100 |
| V | Interior | Kitchen and associated rooms | Walls | Above and below | No | Plaster | 250 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|-----------------------------------|--------------------------------|-------------------------|-------------|-----------|----------|
| W | Interior | South kitchen stairs | Linoleum floor and curbing | Below | Yes | Linoleum | 100 |
| X | Interior | Cafeteria hallway, boy's restroom | Door and frames | Above and below | Yes | Wood | 20 |
| Y | Interior | Cafeteria hallway, boy's restroom | Wall | Above | Yes | Plaster | 10 |
| Z | Interior | Classroom 112B | Doors, frames, and cabinets | Above and below | No | Wood | 40 |
| AA | Interior | Southwest stairwell | Crawl space hatch door | Below | Yes | Wood | 5 |
| AB | Interior | Southwest stairwell | Wall | Below | Yes | Plaster | 10 |
| AC | Interior | Southwest stairwell | Door, frames, and window frame | Above and below | Yes | Wood | 60 |
| AD | Interior | Southwest stairwell | Handrails | Below | Yes | Wood | 40 |
| AE | Interior | Southwest stairwell | Linoleum floor and curbing | Below | Yes | Linoleum | 200 |
| AF | Interior | Boiler room | Door and frames | Above and below | No | Metal | 50 |
| AG | Interior | Boiler room | Handrails and stairs | Below | No | Metal | 50 |
| AH | Interior | Boiler room and fan room | Wall, floor, and ceiling | Above and below | No | Concrete | 10,000 |
| AI | Interior | Classroom 112A | Door and frames | Above and below | Yes | Wood | 40 |
| AJ | Interior | Classroom 112A | Walls | Above and below | Yes | Concrete | 20 |
| AK | Interior | Classroom 112A/B | Windowsills | Above | Yes | Wood | 20 |
| AL | Interior | Classroom 111 | Door and caniners | Above and below | Yes | Wood | 50 |
| AM | Interior | Classroom 110 | Door, frames, and cabinets | Above and below | No | Wood | 50 |
| AN | Interior | Classroom 110 | Walls and ceiling | Above | No | Plaster | 20 |
| AO | Interior | Classroom 110 | Radiator | Below | No | Metal | 50 |
| AP | Interior | Classroom 110 | Window frames | Above and below | No | Wood | 20 |
| AQ | Interior | Custodial | Door and door frame | Above and below | No | Wood | 20 |
| AR | Interior | Custodial | Walls and ceiling | Above and below | No | Plaster | 30 |
| AS | Interior | Classroom 109 | Walls | Above and below | Yes | Plaster | 20 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|----------------------|--|-------------------------|-------------|-----------|----------|
| AT | Interior | Classroom 109 | Cabinets, baseboard, and trim | Above and below | Yes | Wood | 100 |
| AU | Interior | Classroom 107 | Door, frame, cabinets, and baseboard | Above and below | Yes | Wood | 200 |
| AV | Interior | Classroom 106 | Door, frames, and trim | Above and below | Yes | Wood | 20 |
| AW | Interior | Classroom 106 | Wall | Below | Yes | Plaster | 20 |
| AX | Interior | Classroom 106 | Windowsills | Below | Yes | Wood | 5 |
| AY | Interior | Classroom 106 Closet | Walls and ceiling | Above and below | No | Plaster | 20 |
| AZ | Interior | Office 106A | Door, frame, cabinets, and trim | Above and below | Yes | Wood | 100 |
| BA | Interior | Office 106A | Wall | Below | Yes | Plaster | 20 |
| BB | Interior | Office 106B | Baseboard and door | Below | Yes | Wood | 40 |
| BC | Interior | Office bathroom 106B | Wall | Above | Yes | Plaster | 5 |
| BD | Interior | Office 106B | Floor | Below | Yes | Linoleum | 20 |
| BE | Interior | Main office 106C | Doors, frames, trim, and main desk | Above and below | Yes | Wood | 150 |
| BF | Interior | Office 105A | Window, frame, cabinets, and trim | Above and below | No | Wood | 50 |
| BG | Interior | Office 105A | Radiator | Below | No | Metal | 50 |
| BH | Interior | Classroom 105 | Door, frame, baseboard, and cabinets | Above and below | Yes | Wood | 150 |
| BI | Interior | Office 104A | Door, frame, trim, cabinets, window frames | Above and below | No | Wood | 50 |
| BJ | Interior | Classroom 104 | Door, frame, trim, cabinets, window frames | Above and below | Yes | Wood | 100 |
| BK | Interior | Classroom 104 | Wall | Above and below | Yes | Plaster | 15 |
| BL | Interior | Classroom 103 | Door, frame, cabinets, and trim | Above and below | Yes | Wood | 100 |
| BM | Interior | Office/restroom 103A | Door, fram, trim, and baseboard | Above and below | Yes | Wood | 50 |
| BN | Interior | Office/restroom 103A | Wall | Below | Yes | Plaster | 15 |
| BO | Interior | Classroom 101 | Doors, frames, cabinets, trim | Above and below | Yes | Wood | 100 |
| BP | Interior | Classroom 101 | Unit ventilators | Below | Yes | Metal | 20 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|-----------------------------|--------------------------------------|-------------------------|-------------|----------------|----------|
| BQ | Interior | Classroom 101 | Wall | Below | Yes | Plaster | 10 |
| BR | Interior | Classroom 101 | Handrail | Below | Yes | Wood | 5 |
| BS | Interior | Custodial closet | Door, frame, and cabinets | Above and below | No | Wood | 42 |
| BT | Interior | Custodial closet | Walls and ceiling | Above and below | No | Plaster | 42 |
| BU | Interior | Office 101A | Door and frames | Above and below | Yes | Wood | 20 |
| BV | Interior | Computer lab 102A | Door and frames | Above and below | Yes | Wood | 20 |
| BW | Interior | Office 118B | Door, frame, and cabinets | Above and below | No | Wood | 20 |
| BX | Interior | First floor boy's restroom | Door and frames | Above and below | Yes | Wood | 20 |
| BY | Interior | First floor boy's restroom | Wall | Above and below | Yes | Plaster | 40 |
| BZ | Interior | Safety patrol office | Door, frame, and cabinets | Above and below | No | Wood | 50 |
| CA | Interior | Safety patrol office | Walls and ceiling | Above and below | No | Plaster | 40 |
| CB | Interior | Office storage | Door, frame, and cabinets | Above and below | No | Wood | 70 |
| CC | Interior | Office storage | Walls and ceiling | Above and below | No | Plaster | 15 |
| CD | Interior | First floor girl's restroom | Walls and ceiling | Above | Yes | Plaster | 20 |
| CD | Interior | First floor girl's restroom | Walls and ceiling | Above and below | Yes | Wood | 20 |
| CE | Interior | Classroom 108A | Doors, frames, and cabinets | Above and below | Yes | Wood | 50 |
| CF | Interior | Classroom 108 | Door, frame, cabinets, and baseboard | Above and below | Yes | Wood | 50 |
| CG | Interior | Classroom 108 | Wall | Below | Yes | Plaster | 5 |
| CH | Interior | Storage 109A | Door and frames | Above and below | No | Wood | 20 |
| CI | Interior | Office 118A | Door, frame, cabinets, and trim | Above and below | No | Wood | 40 |
| CJ | Interior | Staff room 118 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| CK | Interior | Gymnasium 113 | Doors, frames, south side trim | Above and below | Yes | Wood and metal | 100 |
| CL | Interior | Gymnasium 113 | Window frames | Above | Yes | Wood and metal | 30 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|------------------------------------|--|-------------------------|-------------|-----------|----------|
| CM | Interior | Gymnasium 113 | Rafters | Above | Yes | Metal | 50 |
| CN | Interior | Gym office 113A | Cabinets and trim | Above and below | No | Wood | 50 |
| CO | Interior | Gym storage 64 | Floor | Below | No | Concrete | 200 |
| CP | Interior | Gym storage 115 | Walls | Above and below | No | Plaster | 200 |
| CQ | Interior | Gym storage 115 | Floor | Below | No | Concrete | 200 |
| CR | Interior | Gym storage 116 | Walls and ceiling | Above and below | No | Plaster | 100 |
| CS | Interior | Gym storage 116 | Cabinets | Above and below | No | Wood | 250 |
| CT | Interior | Roof access storage | Door and frames | Above and below | No | Wood | 20 |
| CU | Interior | Hatch by northeast hallway | Hatch door | Below | No | Wood | 5 |
| CV | Interior | Staff room north hallway | Ceiling | Above | No | Plaster | 10 |
| CW | Interior | Media center 117 | Doors, frame, and trim | Above and below | Yes | Wood | 250 |
| CX | Interior | Main floor, west hall | Wall | Below | Yes | Plaster | 10 |
| CY | Interior | Main floor, southwest door | Door and frames | Above and below | Yes | Wood | 30 |
| CZ | Interior | Main floor, southwest stairwell | Floor and curbing | Below | Yes | Linoleum | 200 |
| DA | Interior | Main entrance | Door and frames | Above and below | Yes | Wood | 30 |
| DB | Interior | Main floor, northeast door | Door and frames | Above and below | Yes | Wood | 30 |
| DC | Interior | Main floor, north east stairwell | Floor | Below | Yes | Linoleum | 150 |
| DD | Interior | Hallway outside northeast gym door | Wall | Below | Yes | Plaster | 30 |
| DE | Interior | Main floor, east hall, south end | Wall | Above | Yes | Plaster | 5 |
| DF | Interior | Throughout main floor | Lockers | Below | Yes | Metal | 3000 |
| DG | Interior | Throughout main floor | Curbing | Below | Yes | Linoleum | 500 |
| DH | Interior | Principal's office | Doors, frames, window frames, and cabinets | Above and below | No | Wood | 100 |
| DI | Exterior | Main entrance | Handrails and bike posts | Below | Yes | Metal | 50 |

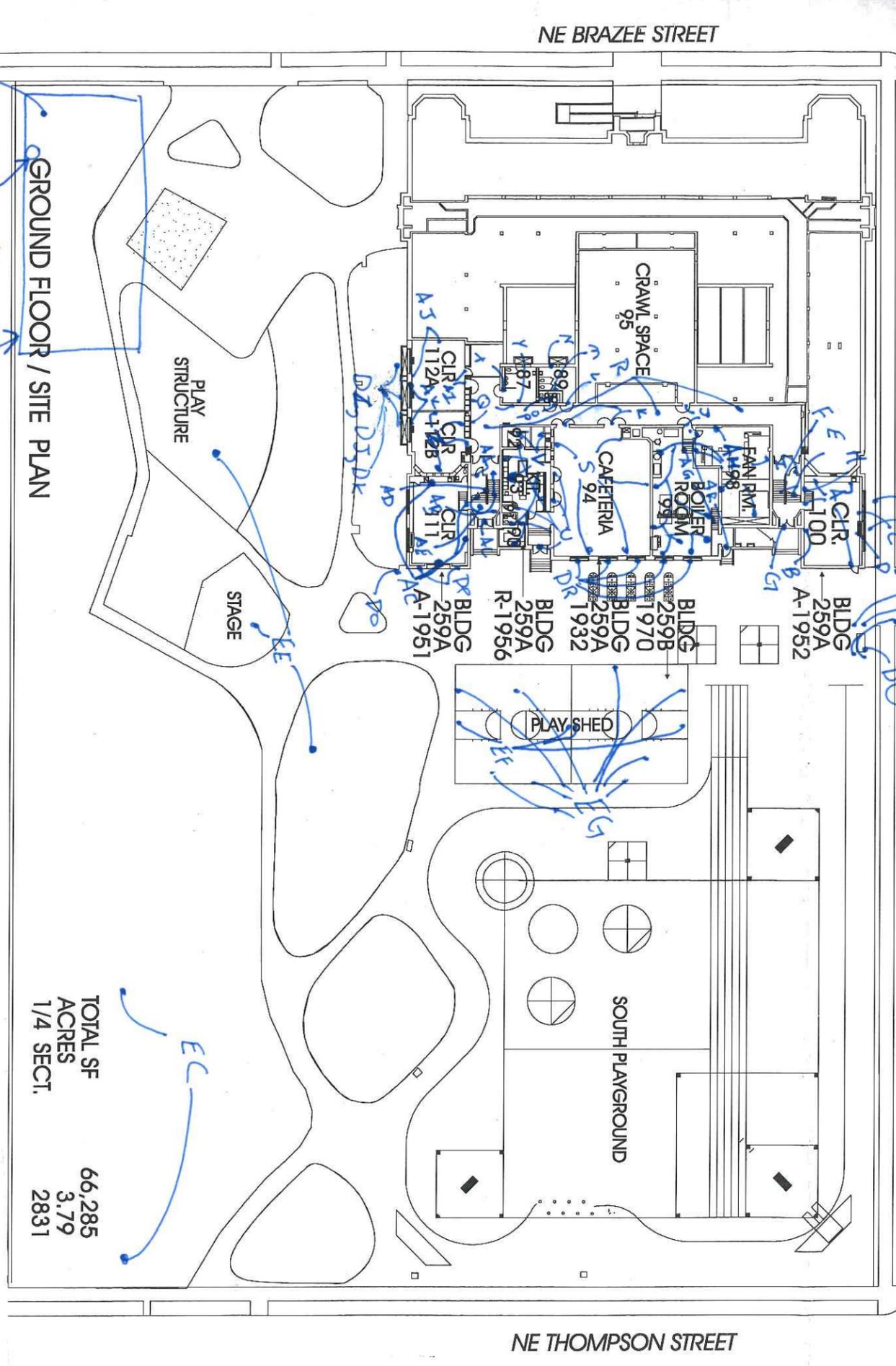
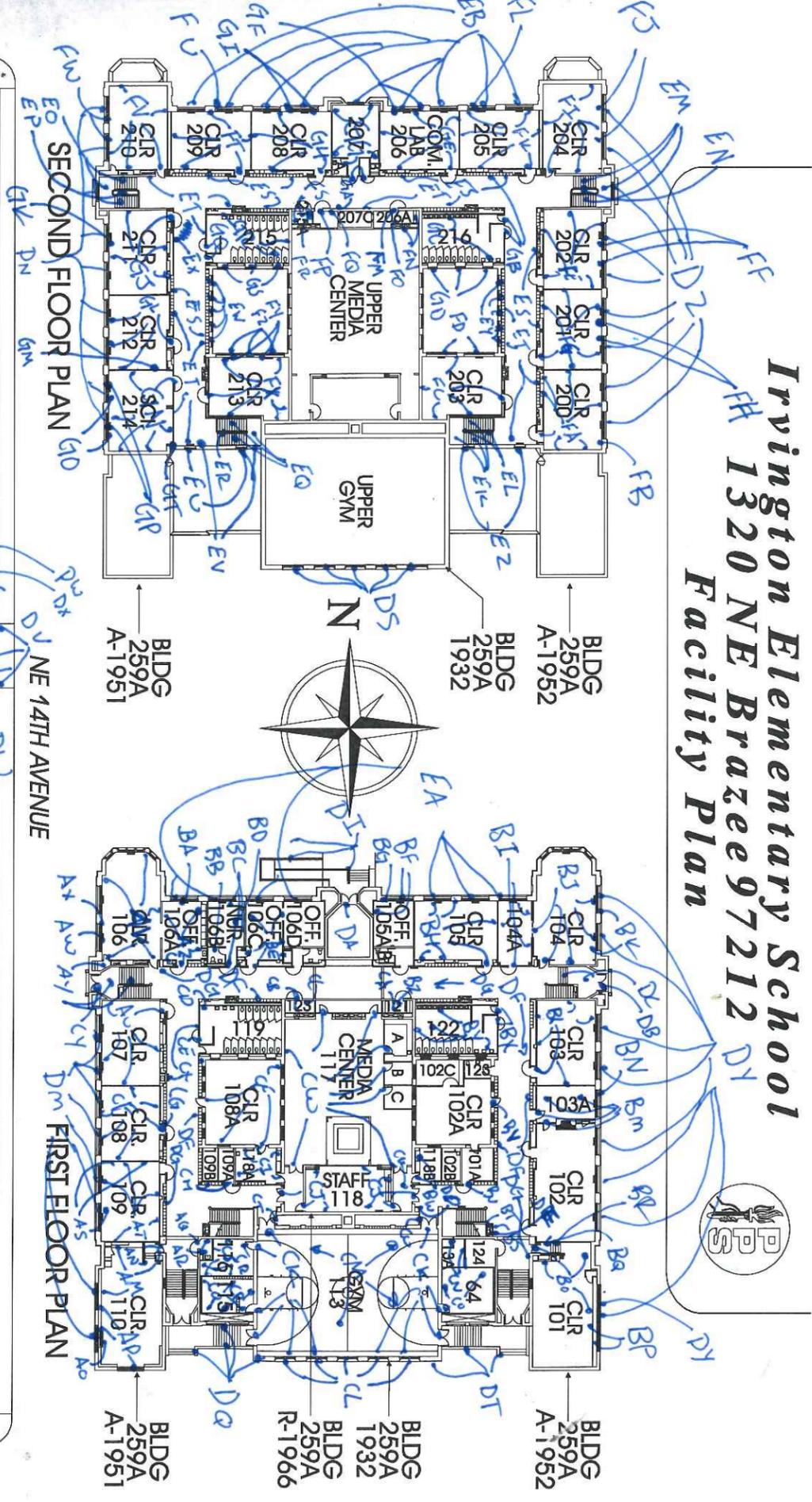
| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|--|-----------------------------------|-------------------------|-------------|----------------|----------|
| DJ | Exterior | Lower exterior, window's west side | Window well guards | Below | Yes | Metal | 30 |
| DK | Exterior | Lower exterior, window's west side | Window frames | Below | No | Metal | 30 |
| DL | Exterior | Lower exterior, window's west side | Chips in window well | Below | No | Chips | 15 |
| DM | Exterior | Main floor exterior windows, west side | Window frames | Above | Yes | Metal | 20 |
| DN | Exterior | Second floor exterior window frames, west side | Window frames | Above | Yes | Metal | 5 |
| DO | Exterior | Room 111, outside south door | Bike lock-up area | Below | Yes | Metal | 10 |
| DP | Exterior | Room 111, south window frames | Window frames | Below | Yes | Wood | 20 |
| DQ | Exterior | Southwest gym door area | Handrails and lower exterior roof | Above and below | Yes | Metal | 100 |
| DR | Exterior | South, cafeteria, boiler room windows | Window frames and guards | Below | Yes | Wood and metal | 100 |
| DS | Exterior | Second floor, gym windows | Window frames and guards | Above | Yes | Metal | 50 |
| DT | Exterior | Southeast gym door area | Handrails | Below | Yes | Metal | 40 |
| DU | Exterior | East blacktop driveway area | Generator box | Below | Yes | Metal | 50 |
| DV | Exterior | East blacktop driveway area | Posts | Below | Yes | Metal | 30 |
| DW | Exterior | Classroom 100 | Window well barrier | Below | Yes | Metal | 50 |
| DX | Exterior | Classroom 100 | Chips | Below | No | Chips | 20 |
| DY | Exterior | Main floor, east side | Window frames | Above | No | Wood and metal | 100 |
| DZ | Exterior | Second floor, east side | Window frames | Above | No | Wood and metal | 100 |
| EA | Exterior | Main floor, north side | Window frames | Above | No | Wood and metal | 20 |
| EB | Exterior | Second floor, north side | Window frames | Above | No | Wood and metal | 20 |
| EC | Exterior | Southwest field | Football upright posts | Above and below | Yes | Metal | 50 |
| ED | Exterior | Garden, northwest corner | Garden shed | Above and below | Yes | Wood | 50 |
| EE | Exterior | Play structures, stage area | Play structure components | Above and below | Yes | Metal | 300 |
| EF | Exterior | Basketball hoop posts | Basketball hoop posts | Above and below | Yes | Metal | 100 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|---|---------------------------------|-------------------------|-------------|-------------------|----------|
| EG | Exterior | Play shed | Play shed posts and cover | Above and below | Yes | Wood and metal | 1000 |
| EH | Interior | Third floor loft fan tower | Handrail and stairs | Below | No | Metal | 75 |
| EI | Interior | Third floor loft fan tower | Door and frames | Above and below | No | Metal | 20 |
| EJ | Interior | Third floor loft fan tower | Window frames | Above and below | No | Wood | 20 |
| EK | Interior | Second floor, southeast stairwell | Floor, stairs, and curbing | Below | Yes | Linoleum | 250 |
| EL | Interior | Second floor, southeast stairwell | Handrail | Below | Yes | Wood | 100 |
| EM | Interior | Second floor, northeast stairwell | Floor, stairs, and curbing | Below | Yes | Linoleum | 250 |
| EN | Interior | Second floor, northeast stairwell | Handrail | Below | Yes | Wood | 100 |
| EO | Interior | Second floor, northwest stairwell | Floor, stairs, and curbing | Below | Yes | Linoleum | 250 |
| EP | Interior | Second floor, northwest stairwell | Handrail | Below | Yes | Wood | 100 |
| EQ | Interior | Second floor, southwest stairwell | Floor, stairs, and curbing | Below | Yes | Linoleum | 250 |
| ER | Interior | Second floor, southwest stairwell | Handrail | Below | Yes | Wood | 100 |
| ES | Interior | Throughout second floor | Lockers | Below | Yes | Metal | 3000 |
| ET | Interior | Throughout second floor | Curbing | Below | Yes | Linoleum | 500 |
| EU | Interior | Southwest stairwell windows, second floor | Window frames | Above and below | Yes | Wood | 50 |
| EV | Interior | Southwest stairwell wall, second floor | Wall | Above and below | Yes | Plaster | 100 |
| EW | Interior | Second floor, west hallway | Windows, frames, and sill | Above | Yes | Metal and plaster | 100 |
| EX | Interior | Second floor, west hallway | Wall | Below | Yes | Plaster | 100 |
| EY | Interior | Second floor, east hallway | Window frames and sill | Above | Yes | Metal and plaster | 50 |
| EZ | Interior | Second floor, southeast hallway | Window frames | Above and below | Yes | Wood | 50 |
| FA | Interior | Classroom 200 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FB | Interior | Classroom 200 | Wall | Below | No | Plaster | 5 |
| FC | Interior | Classroom 203 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|---------------------------|---------------------------------|-------------------------|-------------|-----------|----------|
| FD | Interior | Classroom 203 | Window frames | Above and below | No | Metal | 50 |
| FE | Interior | Classroom 202 | Door, frame, shelves, and trim | Above and below | No | Wood | 100 |
| FF | Interior | Classroom 202 | Wall | Below | No | Plaster | 30 |
| FG | Interior | Classroom 201 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FH | Interior | Classroom 201 | Wall | Below | No | Plaster | 20 |
| FI | Interior | Classroom 204 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FJ | Interior | Classroom 204 | Wall | Below | No | Plaster | 20 |
| FK | Interior | Classroom 205 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FL | Interior | Classroom 205 | Wall | Below | No | Plaster | 20 |
| FM | Interior | Storage room 3 room 206 A | Door | Above and below | No | Wood | 20 |
| FN | Interior | Storage room 3 room 206 A | Cabinets | Above and below | No | Wood | 50 |
| FO | Interior | Storage room 3 room 206 A | Walls and ceiling | Above | No | Plaster | 10 |
| FP | Interior | Projection booth 207C | Door and frames | Above and below | No | Metal | 20 |
| FQ | Interior | Projection booth 207C | Handrail | Below | No | Metal | 10 |
| FR | Interior | Custodial room 4 | Door, frame, and cabinets | Above and below | No | Wood | 100 |
| FS | Interior | Custodial room 4 | Walls and ceiling | Above and below | No | Plaster | 30 |
| FT | Interior | Classroom 209 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FU | Interior | Classroom 209 | Wall | Below | No | Plaster | 20 |
| FV | Interior | Classroom 210 | Door, frame, and trim | Above and below | No | Wood | 20 |
| FW | Interior | Classroom 210 | Wall | Below | No | Plaster | 30 |
| FX | Interior | Classroom 213 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| FY | Interior | Classroom 213 | Wall | Below | No | Plaster | 50 |
| FZ | Interior | Classroom 213 | Window frame | Above | No | Metal | 30 |

| ID | Interior / Exterior | Location | Structure | Above / Below five feet | K-2nd Grade | Substrate | Quantity |
|----|---------------------|--|---------------------------------|-------------------------|-------------|-------------------|----------|
| GA | Interior | Second floor, north hallway | Handrail | Below | Yes | Wood | 10 |
| GB | Interior | Second floor boy's restroom | Door and frames | Above and below | Yes | Wood | 40 |
| GC | Interior | Second floor boy's restroom | Wall | Above and below | Yes | Metal | 20 |
| GD | Interior | Second floor boy's restroom | window frames and sill | Above | Yes | Plaster and metal | 60 |
| GE | Interior | Classroom 206 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| GF | Interior | Classroom 206 | Wall | Above and below | No | Plaster | 30 |
| GG | Interior | Classroom 207 | Door, frames, and trim | Above and below | No | Wood | 100 |
| GH | Interior | Classroom 208 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| GI | Interior | Classroom 208 | Wall | Above and below | No | Plaster | 20 |
| GJ | Interior | Classroom 211 | Door, frame, cabinets, and trim | Above and below | No | Wood | 100 |
| GK | Interior | Classroom 211 | Wall | Below | No | Plaster | 15 |
| GL | Interior | Classroom 212 | Door, frame, cabinets, and trim | Above and below | No | Wood | 70 |
| GM | Interior | Classroom 212 | Wall | Above | No | Plaster | 10 |
| GN | Interior | Classroom 214 | Door, frame, cabinets, and trim | Above and below | No | Wood | 150 |
| GO | Interior | Classroom 214 | Unit ventilator cover | Below | No | Wood | 25 |
| GP | Interior | Classroom 214 | Window frame | Above and below | No | Wood | 25 |
| GQ | Interior | Second floor, girl's restroom | Door and frames | Above and below | Yes | Wood | 40 |
| GR | Interior | Second floor, girl's restroom | Walls and ceiling | Above and below | Yes | Plaster | 30 |
| GS | Interior | Second floor, girl's restroom | Windows and sills | Above | Yes | Plaster and metal | 50 |
| GT | Interior | Second floor hallway, southwest corner | Door and frames | Above and below | No | Wood | 20 |

Irvington Elementary School 1320 NE Brazee 97212 Facility Plan



TOTAL SF 66,285
ACRES 3.79
1/4 SECT. 2831

EH
EI
EJ
E3 } Third Floor Loft,
Fan Tower
(Not on Drawing)

FD
Compost
Gardens

NE BRAZEE STREET

SECOND FLOOR PLAN

FIRST FLOOR PLAN

GROUND FLOOR / SITE PLAN

NE THOMPSON STREET

NE 14TH AVENUE

June 9, 2016

Clark R. Nelson
PBS Engineering and Environmental Inc.
4412 S.W. Corbett Ave
Portland, OR 97239

800 NE Oregon Street, Suite 640
Portland, OR 97232
Phone: (971) 673-0440
Fax: (971) 673-0457
TTY Nonvoice: (971) 673-0372

RE: LEAD-BASED PAINT ACTIVITIES, INDIVIDUAL CERTIFICATION NO. 1806--Indv--R

This letter is your official notification that you have met the certification requirements under Oregon Administrative Rule (OAR) 333-069 to conduct lead-based paint activities in Oregon, in the following disciplines: Risk Assessor; Inspector

In addition to certification by the Oregon Health Authority, you are required to be licensed by the Construction Contractors Board (CCB) if you plan to conduct lead-based paint activities in Oregon. This license is different than, and in addition to, the standard contractor license issued by CCB. Both individuals and firms must obtain this license. For more information on CCB lead-based paint licensing, visit their web site at www.oregon.gov/CCB or call 503-378-4621.

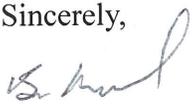
As a certified individual in Oregon, you must meet all the requirements of OAR 333-069, including work practice standards for conducting lead-based paint activities in target housing and child-occupied facilities. As a certified individual, you must perform work under a firm that is certified by the Authority for conducting lead-based paint activities.

You are required to wear the enclosed badge in plain view when conducting lead-based paint activities. Please note that the badge and certificate will expire on 6/30/2017. If you wish to maintain your certification after 6/30/2017, you must submit an application postmarked at least 60 days before expiration and document that your lead-based paint activities training is current.

As a public service the Authority publishes a list of individuals performing lead-based paint activities in Oregon. The list is distributed statewide to consumers interested in lead-based paint activities. Individuals that are certified by the state are eligible to be on this list.

If you have any questions concerning your certification or other aspects of the Lead-Based Paint Program, please contact program staff at 971-673-0440.

Sincerely,


Ben Maynard
Lead-Based Paint Program
Oregon Health Authority

Enclosures: 1) Badge; 2) Certificate



Clark R. Nelson

**Risk Assessor
Inspector
Lead-Based Paint
Activities
CERTIFICATION
1806--Indv--R
6/30/2017**

Expires

CERTIFIED

State of Oregon
Oregon Health Authority

Clark R. Nelson

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

Risk Assessor

| | |
|-----------------------|---------------|
| Certification Number: | 1806--Indv--R |
| Issuance Date: | 6/9/2016 |
| Expiration Date: | 6/30/2017 |



Oregon
Health
Authority

CLARK RICHARD NELSON
4412 SW CORBETT AVE
PORTLAND, OR 97239

**CONSTRUCTION CONTRACTORS BOARD
LEAD BASED PAINT
RISK ASSESSOR LICENSE**

EXPIRATION DATE: 6/24/2017

This document certifies that

CLARK RICHARD NELSON
4412 SW CORBETT AVE
PORTLAND, OR 97239

is licensed in accordance with Oregon Law as
a Lead Based Paint Risk Assessor.

9151806-RA

**STATE OF OREGON
CONSTRUCTION CONTRACTORS BOARD
LEAD BASED PAINT
RISK ASSESSOR LICENSE**

LICENSE NUMBER: 9151806-RA

This document certifies that:

CLARK RICHARD NELSON
4412 SW CORBETT AVE
PORTLAND, OR 97239

is licensed in accordance with Oregon Law as a Lead Based Paint Risk Assessor.

License Details:

LICENSE NO.: 9151806-RA
EXPIRATION DATE: 6/24/2017

May 17, 2016

PBS Engineering and Environmental Inc.
4412 SW Corbett Ave
Portland, OR 97239

800 NE Oregon Street, Suite 640
Portland, OR 97232
Phone: (971) 673-0440
Fax: (971) 673-0457
TTY Nonvoice: (971) 673-0372

Attention: Derek May

RE: LEAD-BASED PAINT ACTIVITIES, FIRM CERTIFICATION NO. 1038--LBP FIRM

This letter is your official notification that PBS Engineering and Environmental Inc. has met certification requirements under Oregon Administrative Rules (OAR) 333-069 to conduct lead-based paint activities in Oregon. Please note that the enclosed certificate will expire on 6/30/2017.

In addition to certification by the Oregon Health Authority (Authority), PBS Engineering and Environmental Inc. is required to be licensed by the Construction Contractors Board (CCB) prior to conducting lead-based paint activities in Oregon. This license is different than, and in addition to, the standard contractor license issued by CCB. Both individuals and firms must obtain this license. For more information on CCB lead paint licensing, visit their web site at www.oregon.gov/CCB or call 503-378-4621.

As a firm certified to conduct lead-based paint inspection activities in Oregon, PBS Engineering and Environmental Inc. must meet all requirements set forth in OAR 333-069. It must comply with standards for conducting lead-based paint inspection and/or risk assessment activities in target housing and child-occupied facilities and employ only certified individuals to conduct regulated activities.

As a public service, the Authority publishes a list of firms performing lead-based paint activities in Oregon. The list is distributed statewide to consumers interested in lead-based paint services. Only those firms that are certified by the state are eligible to be on this list.

If you have any questions concerning this certification or other aspects of the Lead-Based Paint Program, please contact program staff at (971) 673-0440.

Sincerely,



Ben Maynard
Lead-Based Paint Program
Oregon Health Authority

This document can be obtained in an alternate format by calling: (971) 673-0440.

State of Oregon
Oregon Health Authority

PBS Engineering and Environmental Inc.

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

| | |
|-----------------------|----------------|
| Certification Number: | 1038--LBP FIRM |
| Issuance Date: | 5/16/2016 |
| Date of Expiration: | 6/30/2017 |



Oregon
Health
Authority

PBS ENGINEERING & ENVIRONMENTAL INC
4412 SW CORBETT
PORTLAND OR 97239

CONSTRUCTION CONTRACTORS BOARD
LEAD INSPECTION CONTRACTORS LICENSE
LICENSE No.: LBPI129143
EXPIRATION DATE: 7/31/2017

This document certifies that

PBS ENGINEERING & ENVIRONMENTAL INC
4412 SW CORBETT
PORTLAND OR 97239

is licensed in accordance with Oregon Law as
a Lead Inspection Contractor.

STATE OF OREGON
CONSTRUCTION CONTRACTORS BOARD
LEAD INSPECTION CONTRACTORS LICENSE

LICENSE NUMBER: LBPI129143

This document certifies that:

PBS ENGINEERING & ENVIRONMENTAL INC
4412 SW CORBETT
PORTLAND OR 97239

is licensed in accordance with Oregon Law as a Lead Inspection Contractor.

License Details:

LBPI LICENSE NO.: LBPI129143
EXPIRATION DATE: 7/31/2017