

|   | I   | Project Overview   |  |
|---|---|--|--|
| Building:   | Carnell, Laura H                                  | Total Number of Work Areas:  | 4  |
| ULCS:   | 7220  | Work Area Locations (list areas):  | Basement Custodial Service Closet , 1st Floor<br>Custodial Closet, 2nd Floor Custodial Closet, 3rd<br>Custodial Closet |
| Address:  | 1100 Devereaux Ave                                | Total for Abatement (LF, SF):  | 0 LF, 200 SF   |
| Inspector Name/Company:   | Mary Anne Lerro / Criterion<br>Laboratories, Inc. | Total # of Estimated Man-days:   | 0.5  |
| Date Inspected:   | 12/4/2019 - 12/4/2019                             |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/4/2019   | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | Principal FAC Request  |



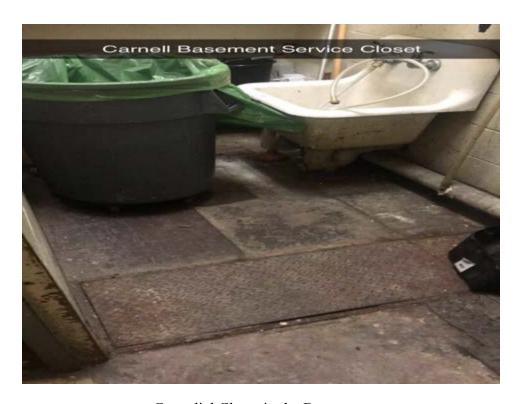
|  | Scope of Work |   |   |                                       |                     |                              |    |  |  |  |  |  |
|--|---------------|---|---|---------------------------------------|---------------------|------------------------------|----|--|--|--|--|--|
| Work Location #:   | 1             |   |   | Use of Room:                          | N/A                 | Student/Teacher<br>Occupied? | No |  |  |  |  |  |
| Space ID:  | JC0           | Estimated # of Man-hours to Complete this Scope | 1 | Water Location (ho                    | se bib preferred)   | Inside closet                |    |  |  |  |  |  |
| Onsite Room Name:  | Basement C    | Custodial Service Closet                        |   | Electric Panel Tie-i                  | n Location (Majors) | Hallway                      |    |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor         |   |   | Shower/Clean Room 3 Stage Decon Local | ` '                 | Remote                       |    |  |  |  |  |  |
| High Traffic Area?   | No            |   |   | Potential For Dama                    | ge - Air?           | No                           |    |  |  |  |  |  |
| High Activity Area?  | No            |   |   | Potential For Dama                    | ge - Vibration?     | No                           |    |  |  |  |  |  |
| High Access Area?  | No            |   |   | Potential For Dama                    | ge - Water?         | Yes                          |    |  |  |  |  |  |

| Material                  | Total<br>Present<br>LF/SF | 0     |       | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|-------|-------|-------------------------------|---|---------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 50 SF                     | 50 SF | 50 SF | No                            | Removal   | Throughout the closet           | Yes.<br>Alternative<br>Method: Dry<br>Ice | No   | Cleaning materials                      | Yes   | N/A                                      | 1          |

Comments: Tile is cracked and popping up throughout. Entire closet needs to be removed



Carnell, Laura H PHOTOS Basement Custodial Service Closet



Custodial Closet in the Basement



| Scope of Work  |   |                |  |                                       |                     |                           |    |  |  |  |  |
|--|---|----------------|--|---------------------------------------|---------------------|---------------------------|----|--|--|--|--|
| Work Location #:   | 2   |                |  | Use of Room:                          | N/A                 | Student/Teacher Occupied? | No |  |  |  |  |
| Space ID:  | JC1 Estimated # of Man-hours to Complete this Scope 1 |                |  | Water Location (ho                    | se bib preferred)   | Inside the closet         |    |  |  |  |  |
| Onsite Room Name:  | 1st Floor Cu  | stodial Closet |  | Electric Panel Tie-i                  | n Location (Majors) | Hallway                   |    |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor   |                |  | Shower/Clean Room 3 Stage Decon Local | , ,                 | Remote                    |    |  |  |  |  |
| High Traffic Area?   | No  |                |  | Potential For Dama                    | ge - Air?           | No                        |    |  |  |  |  |
| High Activity Area?  | No  |                |  | Potential For Dama                    | ge - Vibration?     | No                        |    |  |  |  |  |
| High Access Area?  | No  |                |  | Potential For Dama                    | ge - Water?         | Yes                       |    |  |  |  |  |

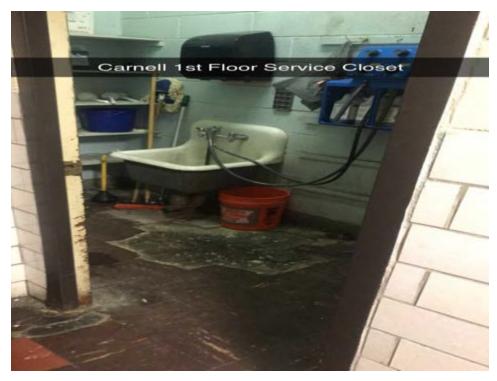
| Material                  | Total<br>Present<br>LF/SF |       |       |    |         | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|-------|-------|----|---------|---------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 50 SF                     | 50 SF | 50 SF | No | Removal | Throughout the closet           | Yes.<br>Alternative<br>Method: Dry<br>Ice | No   | Cleaning supplies                       | Yes   | N/A                                      | 1          |

Comments: Closet is damaged throughout. All tile should be removed



Carnell, Laura H

1st Floor Custodial Closet





1st Floor Custodial Closet

1st Floor Custodial Closet



|  | Scope of Work   |  |  |   |                     |                              |    |  |  |  |  |  |
|--|---|--|--|---|---------------------|------------------------------|----|--|--|--|--|--|
| Work Location #:   | 3   |  |  | Use of Room:                            | N/A                 | Student/Teacher<br>Occupied? | No |  |  |  |  |  |
| Space ID:  | JC2 Estimated # of Man-hours to Complete this Scope 1 |  |  | Water Location (ho                      | se bib preferred)   | Inside the closet            |    |  |  |  |  |  |
| Onsite Room Name:  | 2nd Floor Custodial Closet                            |  |  | Electric Panel Tie-in                   | n Location (Majors) | Hallway                      |    |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor   |  |  | Shower/Clean Roor<br>3 Stage Decon Loca | ,                   | Remote                       |    |  |  |  |  |  |
| High Traffic Area?   | No  |  |  | Potential For Dama                      | ge - Air?           | No                           |    |  |  |  |  |  |
| High Activity Area?  | No  |  |  | Potential For Dama                      | ge - Vibration?     | No                           |    |  |  |  |  |  |
| High Access Area?  | No  |  |  | Potential For Dama                      | ge - Water?         | Yes                          |    |  |  |  |  |  |
| High Access Area?  | No  |  |  | Potential For Dama                      | ge - Water?         | Yes                          |    |  |  |  |  |  |

| Material                  | Total<br>Present<br>LF/SF |       |       |    |         | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|-------|-------|----|---------|---------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 50 SF                     | 50 SF | 50 SF | No | Removal | Throughout the closet           | Yes.<br>Alternative<br>Method: Dry<br>Ice | No   | Cleaning Supplies                       | Yes   | N/A                                      | 1          |

Comments: Tile is damaged throughout and all should be removed



Carnell, Laura H

2nd Floor Custodial Closet





2nd Fl Custodial Closet

2nd Fl Custodial Closet



| Scope of Work  |   |  |  |                                       |                      |                              |    |  |  |  |  |
|--|---|--|--|---------------------------------------|----------------------|------------------------------|----|--|--|--|--|
| Work Location #:   | 4   |  |  | Use of Room:                          | Use of Room: N/A     |                              | No |  |  |  |  |
| Space ID:  | JC3 Estimated # of Man-hours to Complete this Scope 1 |  |  | Water Location (he                    | ose bib preferred)   | Occupied?  Inside the closet |    |  |  |  |  |
| Onsite Room Name:  | 3rd Custodial Closet                                  |  |  | Electric Panel Tie-                   | in Location (Majors) | Hallway                      |    |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor   |  |  | Shower/Clean Roc<br>3 Stage Decon Loc |                      | Remote                       |    |  |  |  |  |
| High Traffic Area?   | No  |  |  | Potential For Dam                     | age - Air?           | No                           |    |  |  |  |  |
| High Activity Area?  | No  |  |  | Potential For Dam                     | age - Vibration?     | No                           |    |  |  |  |  |
| High Access Area?  | No  |  |  | Potential For Dam                     | age - Water?         | Yes                          |    |  |  |  |  |

| Material                  | Total<br>Present<br>LF/SF |       |       |    |         | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|-------|-------|----|---------|---------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 50 SF                     | 50 SF | 50 SF | No | Removal | Throughout the Closet           | Yes.<br>Alternative<br>Method: Dry<br>Ice | No   | Cleaning Supplies                       | Yes   | N/A                                      | 1          |

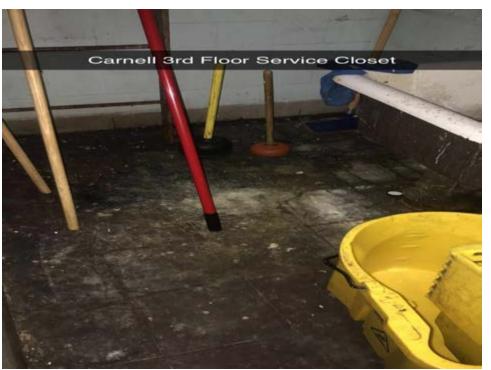
Comments: Tile is damaged throughout and needs to be removed



Carnell, Laura H

3rd Custodial Closet





3rd Floor Custodial Closet

3rd Floor Custodial Closet



|   |  | Project Overview   |   |
|---|--|--|---|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 13  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 101 Restroom, Classroom 101 Closet, Classroom 103, Classroom 104, Classroom 107, Classroom 109, Computer Classroom 110, Women's Restroom Across from Classroom 107, Main Office Closet, Principal's Office, Principal's Office Restroom, 1st Floor Hallway from Classroom 110 to 106, Custodial Closet adjacent to Classroom 101 in Hallway |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 70 LF, 15 SF  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 4.5   |
| Date Inspected:   | 12/19/2019 - 12/19/2019                |  |   |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/19/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance  |



|  | Scope of Work                                     |                        |  |                                       |                     |                              |     |  |  |  |  |  |
|--|---|------------------------|--|---------------------------------------|---------------------|------------------------------|-----|--|--|--|--|--|
| Work Location #:   | 1   |                        |  | Use of Room:                          | Kindergarten        | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |
| Space ID:  | Estimated # of Man-hours to Complete this Scope 2 |                        |  | Water Location (ho                    | se bib preferred)   | Bathroom                     |     |  |  |  |  |  |
| Onsite Room Name:  | Classroom 1                                       | Classroom 101 Restroom |  |                                       | n Location (Majors) | Classroom 101                |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental  |                        |  | Shower/Clean Room 3 Stage Decon Local | ,                   | N/A                          |     |  |  |  |  |  |
| High Traffic Area?   | Yes   |                        |  | Potential For Dama                    | ge - Air?           | No                           |     |  |  |  |  |  |
| High Activity Area?  | Yes   |                        |  | Potential For Dama                    | ge - Vibration?     | No                           |     |  |  |  |  |  |
| High Access Area?  | Yes   |                        |  | Potential For Dama                    | ge - Water?         | No                           |     |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|-------------------------------|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 12 LF                     | 1 LF                      | 1 LF | No                            | Encapsulation | 2nd and 3rd Riser            | No                                      | N/A  | N/A                                     | No  | N/A                                      | 0          |

Comments: Seam opening on one riser and wrapping becoming undone on other



Carnell, Laura H

Classroom 101 Restroom





Seam Opening

Wrapping becoming undone



Carnell, Laura H PHOTOS Classroom 101 Restroom



Perspective Picture



|                                |                |               |                          |                |                                   | 1                               | Scope of Wo                               | ork                                  |                      |   |                        |            |
|--------------------------------|----------------|---------------|--------------------------|----------------|-----------------------------------|---------------------------------|---|--------------------------------------|----------------------|---|------------------------|------------|
| Work Location                  | n #:           |               | 2                        |                |                                   |                                 |   | Use of Room:                         | Kindergarten         | Student/Teacher Occupied?                 |                        | Yes        |
| Space ID:                      |                |               | 101                      | С              | Estimated # of to Complete        | of Man-hours<br>this Scope      | 2   | Water Location (hos                  | se bib preferred)    | In Bathroom                               |                        |            |
| Onsite Room                    | Name:          |               | Clas                     | ssroom 10      | 01 Closet                         |                                 |   | Electric Panel Tie-in                | Location (Majors)    | In Classroom 101                          |                        |            |
| Project Type:<br>Minor, Major, |                |               | l, Non                   | ıfriable       |                                   |                                 |   | Shower/Clean Room 3 Stage Decon Loca | ` '                  | N/A                                       |                        |            |
| High Traffic A                 | Area?          |               | No                       |                |                                   |                                 |   | Potential For Damas                  | ge - Air?            | No  |                        |            |
| High Activity                  | Area?          |               | No                       |                |                                   |                                 |   | Potential For Damas                  | ge - Vibration?      | No  |                        |            |
| High Access A                  | Area?          |               | No                       |                |                                   |                                 |   | Potential For Damas                  | ge - Water?          | No  |                        |            |
|                                |                |               |                          |                |                                   |                                 |   |                                      |                      |   |                        |            |
| Material                       | Total          | 0             |                          | Imminent       | Abatement                         | Specific Location               |   | Plywood Isolation                    | Moveable Objects?    | Is There                                  | Glove Bag Tent         | # of AFD's |
|                                | Present  LF/SF | Amount  LF/SF | Encap<br>Amount<br>LF/SF | Hazard? yes/no | Type  Remove, Repair, Encapsulate | i.e. riser #, wall#,<br>window# | Method if yes, define                     | Barriers Required?  List locations   | Provide Summary List | Asbestos Debris<br>on Movable<br>Objects? | or Full<br>Containment |            |
| Floor Tile VAT 9"<br>x 9"      | 15 SF          | 3 SF          | 15 SF                    | No             | Removal                           | Floor                           | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A                                  | Boxes                | No  | N/A                    | 1          |
|                                |                |               |                          |                |                                   |                                 |   |                                      |                      |   |                        |            |



Carnell, Laura H PHOTOS Classroom 101 Closet



Cracking Floor Tile



|  |             |   | Scope of W | ork                                   |                     |                              |     |
|--|-------------|---|------------|---------------------------------------|---------------------|------------------------------|-----|
| Work Location #:   | 3           |   |            | Use of Room:                          | N/A                 | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 103         | Estimated # of Man-hours to Complete this Scope | 2          | Water Location (ho                    | se bib preferred)   | Bathroom in hallway          |     |
| Onsite Room Name:  | Classroom 1 | 03  |            | Electric Panel Tie-i                  | n Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental  |   |            | Shower/Clean Room 3 Stage Decon Local | ` /                 | N/A                          |     |
| High Traffic Area?   | Yes         |   |            | Potential For Dama                    | ge - Air?           | Yes                          |     |
| High Activity Area?  | Yes         |   |            | Potential For Dama                    | ge - Vibration?     | No                           |     |
| High Access Area?  | Yes         |   |            | Potential For Dama                    | ge - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no |               | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|-------------------------------|---------------|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 60 LF                     | 1 LF                      | 1 LF | No                            | Encapsulation | Risers                          | No                                      | N/A  | N/A                                     | No  | N/A                                      | 0          |

Comments: Seam Openings



Carnell, Laura H

Classroom 103

#### **PHOTOS**





Seam Opening

Seam Opening



Carnell, Laura H PHOTOS Classroom 103



Seam Opening



|  |                          |   | Scope of W | ork                                   |                      |                              |     |
|--|--------------------------|---|------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 4                        |   |            | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 104                      | Estimated # of Man-hours to Complete this Scope | 2          | Water Location (he                    | ose bib preferred)   | Bathroom in Hallway          | •   |
| Onsite Room Name:  | Classroom                | 104   |            | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Classroom 104 Incidental |   |            | Shower/Clean Roc<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes                      |   |            | Potential For Dam                     | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes                      |   |            | Potential For Dam                     | age - Vibration?     | No                           |     |
| High Access Area?  | Yes                      |   |            | Potential For Dam                     | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|-------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 24 LF                     | 1 LF                      | 24 LF | No | Encapsulation                                       | Risers                       | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

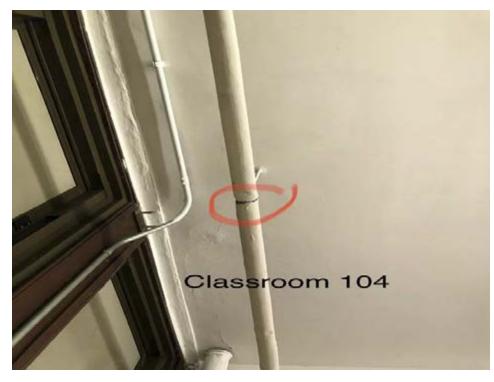
Comments: Three risers with seam openings



Carnell, Laura H

Classroom 104

**PHOTOS** 



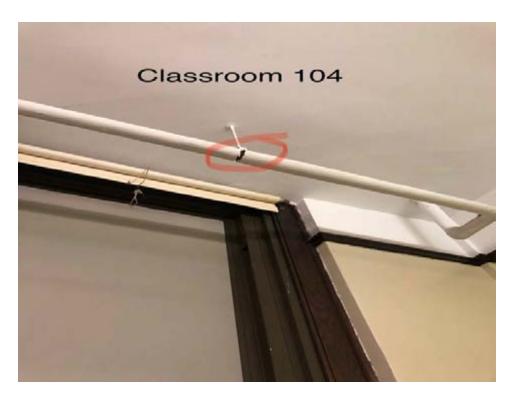


Seam Opening Seam Opening



Carnell, Laura H

Classroom 104



Seam Opening



|  |             |   | Scope of W | ork                                   |                     |                              |     |
|--|-------------|---|------------|---------------------------------------|---------------------|------------------------------|-----|
| Work Location #:   | 5           |   |            | Use of Room:                          | N/A                 | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 107         | Estimated # of Man-hours to Complete this Scope | 2          | Water Location (ho                    | se bib preferred)   | Bathroom in Hallway          | •   |
| Onsite Room Name:  | Classroom 1 | 107   |            | Electric Panel Tie-i                  | n Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small       |   |            | Shower/Clean Room 3 Stage Decon Local | ,                   | N/A                          |     |
| High Traffic Area?   | Yes         |   |            | Potential For Dama                    | ge - Air?           | Yes                          |     |
| High Activity Area?  | Yes         |   |            | Potential For Dama                    | ge - Vibration?     | No                           |     |
| High Access Area?  | Yes         |   |            | Potential For Dama                    | ge - Water?         | No                           |     |
|  |             |   |            |                                       |                     |                              |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 12 LF                     | 2 LF                      | 2 LF | No | Encapsulation                                       | Risers                       | No                                      | N/A  | No                                      | Yes   | N/A                                      | 0          |

Comments: One riser with wrapping becoming undone and another with small exposed section



Carnell, Laura H

Classroom 107





Wrapping become undone

Small exposed section along window sill



| Estimated # of Man-hours |    | Use of Room:          | N/A   | Student/Teacher     |  |
|--------------------------|----|-----------------------|---|---------------------|--|
| Estimated # of Man-hours |    |                       | 14/11   | Occupied?           | Yes  |
| to Complete this Scope   | 1  | Water Location (ho    | se bib preferred)   | Bathroom in Hallway |  |
| 09                       |    | Electric Panel Tie-in | n Location (Majors)   | N/A                 |  |
|                          |    |                       | ,   | N/A                 |  |
|                          |    | Potential For Dama    | ge - Air?   | Yes                 |  |
|                          |    | Potential For Dama    | ge - Vibration?   | No                  |  |
|                          |    | Potential For Dama    | ge - Water?   | No                  |  |
|                          | 09 |                       | 09 Electric Panel Tie-in<br>Shower/Clean Roor<br>3 Stage Decon Loca<br>Potential For Dama<br>Potential For Dama |                     | Description of the second of t |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 12 LF                     | 2 LF                      | 2 LF | No | Encapsulation | Riser by window              | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

Comments: Wrapping becoming undone



Carnell, Laura H

Classroom 109





Wrapping becoming undone

Wrapping becoming undone



Carnell, Laura H PHOTOS Classroom 109



Perspective Picture



|  |            |   | Scope of W | ork                                   |                      |                              |     |
|--|------------|---|------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 7          |   |            | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 110        | Estimated # of Man-hours to Complete this Scope | 1          | Water Location (h                     | ose bib preferred)   | Bathroom in hallway          | •   |
| Onsite Room Name:  | Computer C | lassroom 110                                    |            | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small      |   |            | Shower/Clean Roo<br>3 Stage Decon Loo | ,                    | N/A                          |     |
| High Traffic Area?   | Yes        |   |            | Potential For Dam                     | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes        |   |            | Potential For Dam                     | age - Vibration?     | No                           |     |
| High Access Area?  | Yes        |   |            | Potential For Dam                     | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 24 LF                     | 2 LF                      | 2 LF | No | Encapsulation                                       | Riser by radiator               | No                                      | N/A  | Tables with computers                   | No  | N/A                                      | 0          |

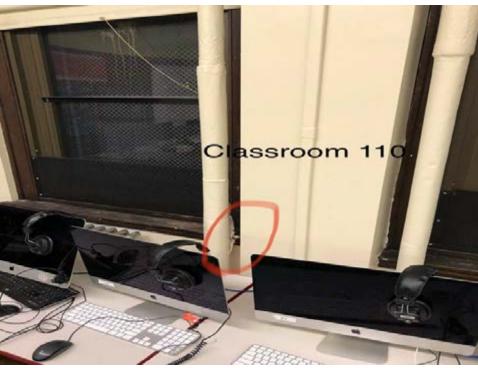
Comments: Wrapping becoming undone



Carnell, Laura H

Computer Classroom 110





Wrapping becoming undone

Perspective Picture



|  |            |   | Scope of Wo | ork                                   |                      |                              |     |
|--|------------|---|-------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 8          |   |             | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 115        | Estimated # of Man-hours to Complete this Scope | 1           | Water Location (ho                    | ose bib preferred)   | Bathroom                     | •   |
| Onsite Room Name:  | Women's Re | estroom Across from Classro                     | om 107      | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental |   |             | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes        |   |             | Potential For Dama                    | age - Air?           | No                           |     |
| High Activity Area?  | Yes        |   |             | Potential For Dama                    | age - Vibration?     | No                           |     |
| High Access Area?  | Yes        |   |             | Potential For Dama                    | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 40 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Top Corner                   | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

Comments: Seam Opening



Carnell, Laura H

Women's Restroom Across from Classroom 107

#### **PHOTOS**





Seam Opening Perspective Picture



|  |                   |                  |                             |   |                                |                              | Scope of Wo    | ork  |   |   |  |            |
|--|-------------------|------------------|-----------------------------|---|--------------------------------|------------------------------|----------------|--|---|---|--|------------|
| Work Location #:   |                   |                  | 9                           |   |                                |                              |                | Use of Room:   | N/A                                     | Student<br>Occu                           | Teacher pied?                            | Yes        |
| Space ID:  |                   |                  | 118.                        | Estimated # of Man-hours to Complete this Scope 8 |                                |                              |                | Water Location (hose bib preferred)                              |   | Principal's Bathroom                      |  |            |
| Onsite Room  | Name:             |                  | Mai                         | n Office  | Closet                         |                              |                | Electric Panel Tie-in Location (Majors)                          |   | N/A                                       |  |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable |                   |                  |                             | or  |                                |                              |                | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   | Shower/Clean Room                         |  |            |
| High Traffic   | Area?             |                  | Yes                         |   |                                |                              |                | Potential For Damage - Air?                                      |   | No  |  |            |
| High Activity  | Area?             |                  | Yes                         |   |                                |                              |                | Potential For Damage - Vibration?                                |   | Yes                                       |  |            |
| High Access  | High Access Area? |                  |                             |   |                                |                              |                | Potential For Dama   | No                                      |   |  |            |
|  |                   |                  |                             |   |                                |                              |                |  |   |   |  |            |
| Material   | Total<br>Present  | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?                               | Abatement<br>Type              | i.e. riser #, wall#, window# | Method         | Plywood Isolation Barriers Required?  List locations             | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|  | LF/SF             | LF/SF            | LF/SF                       | yes/no  | Remove, Repair,<br>Encapsulate | willdow#                     | if yes, define | List locations   |   | Objects?                                  |  |            |
| Pipe Insulation  | 14 LF             | 1 LF             | 14 LF                       | No  | Removal                        | In the shelving              | No             | N/A  | Supplies                                | No  | Full<br>Containment                      | 1          |

Comments: The pipe insulation is in the shelving. School District protocol requires for full abatement of insulation associated with shelves therefore all insulation must be removed.

Containment

2-6 inch



Carnell, Laura H

Main Office Closet





Perspective Picture

Small indentation damage



Carnell, Laura H PHOTOS Main Office Closet



Small indentation damage



| Scope of Work  |               |   |   |                                     |                                     |                              |     |  |  |  |  |
|--|---------------|---|---|-------------------------------------|-------------------------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 10            |   |   | Use of Room:                        | N/A                                 | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | 119           | Estimated # of Man-hours to Complete this Scope | 2 | Water Location (ho                  | Vater Location (hose bib preferred) |                              | •   |  |  |  |  |
| Onsite Room Name:  | Principal's C | Office  |   | Electric Panel Tie-i                | in Location (Majors)                | N/A                          |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental    |   |   | Shower/Clean Room 3 Stage Decon Loc | ,                                   | N/A                          |     |  |  |  |  |
| High Traffic Area?   | No            |   |   | Potential For Dama                  | ige - Air?                          | No                           |     |  |  |  |  |
| High Activity Area?  | Yes           |   |   | Potential For Dama                  | ige - Vibration?                    | No                           |     |  |  |  |  |
| High Access Area?  | Yes           |   |   | Potential For Dama                  | ige - Water?                        | No                           |     |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 36 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Both risers                  | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

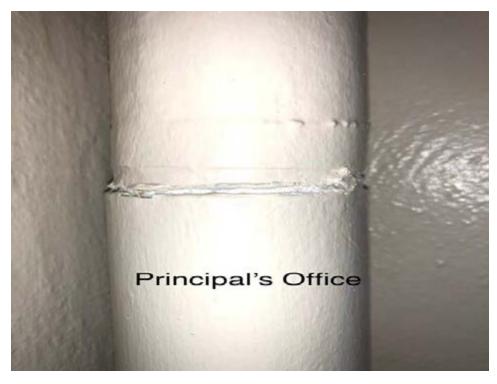
Comments: One seam opening on each riser



Carnell, Laura H

Principal's Office

#### **PHOTOS**





Seam Opening Seam Opening



Carnell, Laura H PHOTOS Principal's Office



Perspective Picture



| Scope of Work  |               |   |   |                                     |                       |                             |     |  |  |  |  |
|--|---------------|---|---|-------------------------------------|-----------------------|-----------------------------|-----|--|--|--|--|
| Work Location #:   | 11            |   |   | Use of Room:                        | N/A                   | Student/Teacher Occupied?   | Yes |  |  |  |  |
| Space ID:  | 119A          | Estimated # of Man-hours to Complete this Scope | 1 | Water Location (h                   | nose bib preferred)   | Principal's Office Restroom |     |  |  |  |  |
| Onsite Room Name:  | Principal's C | Office Restroom                                 |   | Electric Panel Tie                  | -in Location (Majors) | N/A                         |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental    |   |   | Shower/Clean Ro<br>3 Stage Decon Lo | ` ′                   | N/A                         |     |  |  |  |  |
| High Traffic Area?   | No            |   |   | Potential For Dan                   | nage - Air?           | No                          |     |  |  |  |  |
| High Activity Area?  | Yes           |   |   | Potential For Dan                   | nage - Vibration?     | No                          |     |  |  |  |  |
| High Access Area?  | Yes           |   |   | Potential For Dan                   | nage - Water?         | No                          |     |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window#      | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|-----------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 20 LF                     | 1 LF                      | 1 LF | No | Encapsulation | Far Left Riser with<br>Insulation | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

Comments: Wrapping becoming undone



Carnell, Laura H

Principal's Office Restroom





Wrapping becoming undone

Perspective Picture



|  | Scope of Work |   |       |   |                     |                              |     |  |  |  |  |  |
|--|---------------|---|-------|---|---------------------|------------------------------|-----|--|--|--|--|--|
| Work Location #:   | 12            |   |       | Use of Room:                            | N/A                 | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |
| Space ID:  | H16           | Estimated # of Man-hours to Complete this Scope | 1     | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |  |
| Onsite Room Name:  | 1st Floor Ha  | llway from Classroom 110 to                     | o 106 | Electric Panel Tie-i                    | n Location (Majors) | N/A                          |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental    |   |       | Shower/Clean Room<br>3 Stage Decon Loca | ,                   | N/A                          |     |  |  |  |  |  |
| High Traffic Area?   | Yes           |   |       | Potential For Dama                      | ge - Air?           | Yes                          |     |  |  |  |  |  |
| High Activity Area?  | Yes           |   |       | Potential For Dama                      | ge - Vibration?     | No                           |     |  |  |  |  |  |
| High Access Area?  | Yes           | ·   |       | Potential For Damage - Water? No        |                     |                              |     |  |  |  |  |  |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|-------------------------------|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation 2-6 inch | 64 LF                     | 1 LF                      | 1 LF | No                            | Encapsulation                                       | Riser in middle of hallway      | No                                      | N/A  | No                                      | No  | N/A                                      | 0          |

Comments: Seam opening and Wrapping becoming undone



Carnell, Laura H

1st Floor Hallway from Classroom 110 to 106





Seam opening and Wrapping becoming undone

Perspective Picture



|  | Scope of Work           |   |       |                                      |                     |                              |     |  |  |  |  |  |
|--|-------------------------|---|-------|--------------------------------------|---------------------|------------------------------|-----|--|--|--|--|--|
| Work Location #:   | 13                      |   |       | Use of Room:                         | N/A                 | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |
| Space ID:  | H18A                    | Estimated # of Man-hours to Complete this Scope | 8     | Water Location (ho                   | se bib preferred)   | Bathroom in hallway          |     |  |  |  |  |  |
| Onsite Room Name:  | Custodial Cl<br>Hallway | loset adjacent to Classroom 1                   | 01 in | Electric Panel Tie-i                 | n Location (Majors) | N/A                          |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor                   |   |       | Shower/Clean Room 3 Stage Decon Loca | ,                   | Shower/Clean Room            |     |  |  |  |  |  |
| High Traffic Area?   | No                      |   |       | Potential For Dama                   | ge - Air?           | No                           |     |  |  |  |  |  |
| High Activity Area?  | No                      |   |       | Potential For Dama                   | ge - Vibration?     | Yes                          |     |  |  |  |  |  |
| High Access Area?  | No                      |   | _     | Potential For Dama                   | ge - Water?         | No                           |     |  |  |  |  |  |
|  |                         |   |       |                                      |                     |                              |     |  |  |  |  |  |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|-------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation 2-6 inch | 20 LF                     | 1 LF                      | 20 LF | No | Removal   | Abate all pipe insulation    | No                                      | N/A  | Supplies and boxes                      | No  | Full<br>Containment                      | 1          |

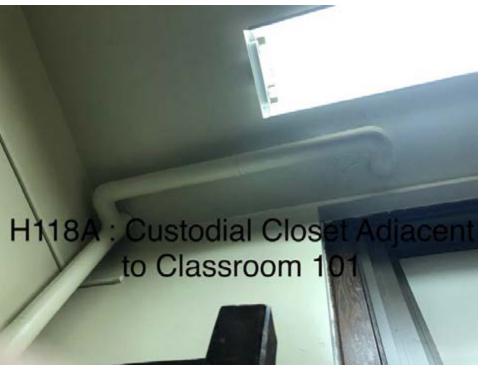
Comments: The pipe insulation is in the shelving. School District protocol requires for full abatement of insulation associated with shelves therefore all insulation must be removed.



Carnell, Laura H

Custodial Closet adjacent to Classroom 101 in Hallway





All pipe insulation needs to be abated

All pipe insulation needs to be abated



Carnell, Laura H PHOTOS Custodial Closet adjacent to Classroom 101 in Hallway



All pipe insulation needs to be abated



|   | Project Overview                                      |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H                                      | Total Number of Work Areas:  | 6  |  |  |  |  |  |  |  |  |
| ULCS:   | 7220  | Work Area Locations (list areas):  | Classroom 304, Hallway Closet Near 301,<br>Classroom 305, Classroom 310, Classroom 311 |  |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave                                    | Total for Abatement (LF, SF):  | 19 LF, 0 SF  |  |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Lawrence Jackson / USA Environmental Management, Inc. | Total # of Estimated Man-days:   | 2.5  |  |  |  |  |  |  |  |  |
| Date Inspected:   | 12/18/2019 - 12/18/2019                               |  |  |  |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/20/2010  | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance   |  |  |  |  |  |  |  |  |



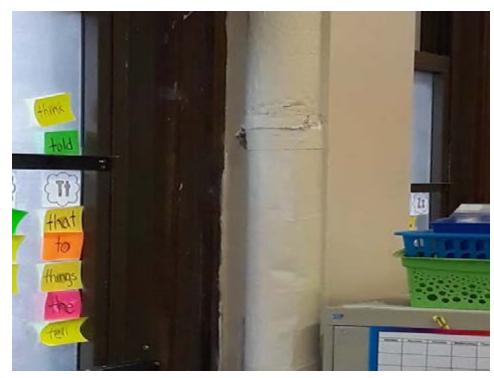
|                                |                           |                  |                             |                               |   | S  | cope of Wo                              | ork   |   |   |  |           |
|--------------------------------|---------------------------|------------------|-----------------------------|-------------------------------|---|--|---|---|---|---|--|-----------|
| Work Locatio                   | n #:                      |                  | 1                           |                               |   |  |   | Use of Room:  | N/A                                     | Student/<br>Occup                                     | Teacher pied?                            | Yes       |
| Space ID:                      |                           |                  | 304                         |                               | Estimated # of to Complete 1                        |  | 1                                       | Water Location (he  | ose bib preferred)                      | Janitor's Clo   | set                                      |           |
| Onsite Room                    | Name:                     |                  | Clas                        | sroom 30                      | )4  |  |   | Electric Panel Tie-                                       | in Location (Majors)                    | N/A   |  |           |
| Project Type:<br>Minor, Major, |                           | -                | ll, Inci                    | dental                        |   |  |   | Shower/Clean Roc<br>3 Stage Decon Loc                     | ,                                       | Shower/ Clea  | an Room                                  |           |
| High Traffic A                 | Area?                     |                  | Yes                         |                               |   |  |   | Potential For Dam   | age - Air?                              | Yes   |  |           |
| High Activity                  | Area?                     |                  | Yes                         |                               |   |  |   | Potential For Dam   | age - Vibration?                        | Yes   |  |           |
| High Access A                  | Area?                     |                  | Yes                         |                               |   |  |   | Potential For Dam   | age - Water?                            | No  |  |           |
|                                |                           |                  |                             |                               |   |  |   |   |   |   |  |           |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD' |
| Pipe Insulation<br>2-6 inch    | 6 LF                      | 1 LF             | 1 LF                        | No                            | Encapsulation                                       | Riser  | No                                      | N/A   | N/A                                     | No  | Full<br>Containment                      | 2         |



Carnell, Laura H

Classroom 304

#### **PHOTOS**





Crack in seam Crack in seam



|                               |  |                  |               |                     |                                | ;                               | Scope of Wo    | ork                                     |                      |                             |                           |            |
|-------------------------------|--|------------------|---------------|---------------------|--------------------------------|---------------------------------|----------------|---|----------------------|-----------------------------|---------------------------|------------|
| Work Locatio                  | n #:   |                  | 2             |                     |                                |                                 |                | Use of Room:                            | N/A                  | Student/Teacher Occupied?   |                           | No         |
| Space ID:                     |  |                  | Н31           | 4A                  | Estimated # of to Complete to  |                                 | 16             | Water Location (hos                     | se bib preferred)    | Janitor's Clo               | set                       |            |
| Onsite Room                   | Name:  |                  | Hall          | lway Clos           | set Near 301                   |                                 |                | Electric Panel Tie-in                   | n Location (Majors)  | N/A                         |                           |            |
| Project Type:<br>Minor, Major |  | -                | ll, Min       | or                  |                                |                                 |                | Shower/Clean Room<br>3 Stage Decon Loca | ` '                  | Shower/Clea                 | n Room                    |            |
| High Traffic                  | igh Traffic Area? No   |                  |               |                     |                                |                                 |                | Potential For Damas                     | ge - Air?            | Yes                         |                           |            |
| High Activity                 | Area?  |                  | No            |                     |                                |                                 |                | Potential For Dama                      | Yes                  |                             |                           |            |
| High Access                   | Area?  |                  | No            |                     |                                |                                 |                | Potential For Dama                      | ge - Water?          | No                          |                           |            |
|                               |  |                  | •             |                     |                                |                                 |                |   |                      |                             |                           |            |
| Material                      | Total<br>Present   | Damage<br>Amount | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location               | Method         | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |
|                               | LF/SF  | LF/SF            | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define | List locations                          | Provide Summary List | on Movable<br>Objects?      | Containment               |            |
| Pipe Insulation 2-6 inch      | Pipe Insulation 15 I.F. 0 I.F. 15 I.F. No. Removal Riser No. |                  |               |                     |                                |                                 | No             | N/A                                     | N/A                  | No                          | Full<br>Containment       | 2          |
|                               |  |                  |               |                     |                                |                                 |                |   |                      |                             |                           |            |



Carnell, Laura H PHOTOS Hallway Closet Near 301



Bookcase Built Around Pipe Insulation



|                                  | Scope of Work                                     |                       |   |                     |   |            |  |  |  |  |  |  |
|----------------------------------|---|-----------------------|---|---------------------|---|------------|--|--|--|--|--|--|
| Work Location #:                 | 3   |                       | Use of Room:                            | N/A                 | Student/Teacher<br>Occupied?                    | Yes        |  |  |  |  |  |  |
| Space ID:                        | Estimated # of Man-hours to Complete this Scope 1 |                       | Water Location (hos                     | se bib preferred)   | Janitor's Closet                                |            |  |  |  |  |  |  |
| Onsite Room Name:                | Classroom 305                                     |                       | Electric Panel Tie-in                   | n Location (Majors) | N/A   |            |  |  |  |  |  |  |
| Project Type: Incidental, Small, | Incidental  |                       | Shower/Clean Room                       | n (Minors) or       | Shower/ Clean Room                              |            |  |  |  |  |  |  |
| Minor, Major, Nonfriable         | meidentai   |                       | 3 Stage Decon Loca                      | ntion (Majors)      | Shower Clean Room                               |            |  |  |  |  |  |  |
| High Traffic Area?               | Yes   |                       | Potential For Damas                     | ge - Air?           | Yes   |            |  |  |  |  |  |  |
| High Activity Area?              | Yes   |                       | Potential For Damas                     | ge - Vibration?     | Yes   |            |  |  |  |  |  |  |
| High Access Area?                | Yes   |                       | Potential For Damas                     | ge - Water?         | No  |            |  |  |  |  |  |  |
|                                  |   |                       |   |                     | <u> </u>  |            |  |  |  |  |  |  |
| Material Total Damage Re         |   | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?   | Is There Glove Bag Tent Asbestos Debris or Full | # of AFD's |  |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 6 LF                      | 0 LF                      | 1 LF | No | Encapsulation                                       | Riser                        | No                                      | N/A  | Desk                                    | No  | N/A                                      | 2          |

Comments: Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling It Off



Carnell, Laura H

Classroom 305





Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling It It Of

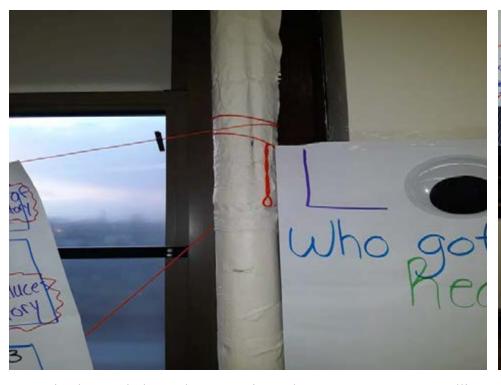


|                             |   |   |               |                     |                                | S                               | cope of Wo            | ork                                     |  |   |  |            |
|-----------------------------|---|---|---------------|---------------------|--------------------------------|---------------------------------|-----------------------|---|--|---|--|------------|
| Work Locatio                | n #:  |   | 4             |                     |                                |                                 |                       | Use of Room:                            | N/A  | Student/Teacher<br>Occupied?              |  | Yes        |
| Space ID:                   |   | Estimated # of Man-hours to Complete this Scope 1 |               |                     |                                |                                 |                       | Water Location (hose bib preferred) N/A |  |   |  |            |
| Onsite Room                 | Name:   |   | Clas          | sroom 31            | 10                             |                                 |                       | Electric Panel Tie-in                   | N/A  |   |  |            |
|                             | roject Type: Incidental, Small,<br>Innor, Major, Nonfriable |   |               |                     |                                |                                 |                       |   | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors)  Shower/ Clean Room |   |  |            |
| High Traffic A              | Area?   |   | Yes           |                     |                                |                                 |                       | Potential For Damas                     | ge - Air?  | Yes                                       |  |            |
| High Activity               | Area?   |   | Yes           |                     |                                |                                 |                       | Potential For Damas                     | ge - Vibration?  | Yes                                       |  |            |
| High Access A               | Area?   |   | Yes           |                     |                                |                                 |                       | Potential For Damas                     | ge - Water?  | No  |  |            |
|                             |   |   |               |                     |                                |                                 |                       |   |  |   |  |            |
| Material                    | Total<br>Present  | Damage<br>Amount                                  | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location               | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?  | Is There<br>Asbestos Debris<br>on Moyable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                             | LF/SF   | LF/SF   | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define        | List locations                          | Provide Summary List   | Objects?                                  | Containment                              |            |
| Pipe Insulation<br>2-6 inch | 6 LF  | 1 LF  | 1 LF          | No                  | Encapsulation                  | Riser                           | No                    | N/A                                     | N/A  | No  | Full<br>Containment                      | 2          |
|                             |   |   |               |                     |                                |                                 |                       |   |  |   |  |            |



Carnell, Laura H

Classroom 310





Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling It It Of



Carnell, Laura H

Classroom 310



Excessive loose Cloth Needs to Be Trimmed To Prevent Someone Pulling It Of



|  |                  |                  |          |                     |                                | S                                      | cope of Wo            | ork  |   |   |  |            |
|--|------------------|------------------|----------|---------------------|--------------------------------|--|-----------------------|--|---|---|--|------------|
| Work Location  | n #:             |                  | 5        |                     |                                |  |                       | Use of Room:   | N/A                                     |   | Student/Teacher<br>Occupied?             |            |
| Space ID:  |                  |                  | 311      |                     | Estimated # of to Complete 1   |  | 1                     | Water Location (hos  | se bib preferred)                       | Janitor's Closet                          |  |            |
| Onsite Room  | Name:            |                  | Clas     | ssroom 31           | 1                              |  |                       | Electric Panel Tie-in Location (Majors) N/A  |   |   |  |            |
| Project Type:<br>Minor, Major                                      |                  |                  | ll, Inci | dental              |                                |  |                       | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors)  Shower/ Clean Room |   |   | an Room                                  |            |
| High Traffic   | Area?            |                  | Yes      |                     |                                |  |                       | Potential For Damas  | ge - Air?                               | Yes                                       |  |            |
| High Activity  | Area?            |                  | Yes      |                     |                                |  |                       | Potential For Dama   | Yes                                     |   |  |            |
| High Access  | Area?            |                  | Yes      |                     |                                |  |                       | Potential For Damage - Water?  |   | No  |  |            |
| -  |                  |                  |          |                     |                                |  |                       |  |   |   |  |            |
| Material   | Total<br>Present | Damage<br>Amount |          | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required?  | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|  | LF/SF            | LF/SF            | LF/SF    | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations   | Flovide Summary List                    | Objects?                                  | Contamment                               |            |
| Pipe Insulation 2-6 inch 12 LF 1 LF 1 LF No Encapsulation Riser No |                  |                  |          |                     |                                | No                                     | N/A                   | N/A  | No                                      | Full<br>Containment                       | 2  |            |
|  |                  |                  |          |                     |                                |  |                       |  |   |   |  |            |



Carnell, Laura H

Classroom 311





Exposed End At top of Riser

Exposed End At top of Riser



Carnell, Laura H

Classroom 311



Exposed End At top of Riser



|   | Project Overview                       |  |                            |  |  |  |  |  |  |  |  |  |
|---|--|--|----------------------------|--|--|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 1                          |  |  |  |  |  |  |  |  |  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 201 Closet       |  |  |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 12 LF, 0 SF                |  |  |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 1                          |  |  |  |  |  |  |  |  |  |
| Date Inspected:   | 12/20/2019 - 12/20/2019                |  |                            |  |  |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/20/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance |  |  |  |  |  |  |  |  |  |



| Scope of Work  |             |   |               |                                       |                      |                           |                     |  |  |  |  |
|--|-------------|---|---------------|---------------------------------------|----------------------|---------------------------|---------------------|--|--|--|--|
| Work Location #:   | 1           |   |               | Use of Room:                          | N/A                  | Student/Teac<br>Occupied? | l Yes               |  |  |  |  |
| Space ID:  | 201B        | Estimated # of Man-hours to Complete this Scope | 8             | Water Location (ho                    | ose bib preferred)   | Bathroom in Hall          | way                 |  |  |  |  |
| Onsite Room Name:  | Classroom 2 | 01 Closet                                       |               | Electric Panel Tie-                   | in Location (Majors) | In Classroom              |                     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor       |   |               | Shower/Clean Roo<br>3 Stage Decon Loc | ` '                  | Shower/Clean Ro           | oom                 |  |  |  |  |
| High Traffic Area?   | No          |   |               | Potential For Dama                    | age - Air?           | No                        |                     |  |  |  |  |
| High Activity Area?  | No          |   |               | Potential For Dama                    | age - Vibration?     | Yes                       |                     |  |  |  |  |
| High Access Area?  | No          |   |               | Potential For Dama                    | age - Water?         | No                        |                     |  |  |  |  |
| Matarial Total Damaga Da                                     |             |   | n Altonnotivo | Dhuwaad Isolation                     | Mayaahla Ohiaata?    | Is Thorn Claus            | Dog Tont # of AED's |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |  | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#                    | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|-------|--|---|---|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 12 LF                     | 3 LF                      | 12 LF | Yes.<br>Notified:<br>Monique<br>On date:<br>12/20/2019 | Removal   | Left side of closet-associated with bookshelves | No                                      | No   | Boxes                                   | No  | Full<br>Containment                      | 1          |

Comments: Pipe insulation has significantly exposed sections at each shelf intersection but no debris. Remove entire pipe insulation because its associated with shelves.



Carnell, Laura H

Classroom 201 Closet





Damaged pipe insulation

Damaged pipe insulation



Carnell, Laura H

Classroom 201 Closet





Damaged pipe insulation

Remove all pipe insulation



|   |  | Project Overview   |   |
|---|--|--|---|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 15  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Counselor's Office, 1st Floor Hallway where<br>Element 2 Begins, New Wing 1st Floor Boy's<br>Restroom Adjacent to Janitor's Closet, Stairs in<br>Element 2(New Wing) by Classroom 111,<br>Classroom 111, Classroom 111 Closet, 1st Floor<br>New Wing Hallway outside classroom 111, Men's<br>Staff Restroom across from Classroom 111,<br>Classroom 112, Classroom 113, Classroom 113<br>Closet, Classroom 313, Classroom 213, Classroom<br>213 Closet, Classroom 212 |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 74 LF, 15 SF  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 6.5   |
| Date Inspected:   | 12/19/2019 - 12/23/2019                |  |   |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance  |



|                               |                           |                           |                             |                               |   | \$   | Scope of Wo                        | ork  |   |   |  |            |  |  |
|-------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|---|--|------------------------------------|--|---|---|--|------------|--|--|
| Work Location                 | n #:                      |                           | 1                           |                               |   |  |                                    | Use of Room:   | N/A                                     | Student/Teacher<br>Occupied?                          |  | Yes        |  |  |
| Space ID:                     |                           |                           | 114                         |                               | Estimated # of to Complete 1                        | of Man-hours<br>this Scope                     | 1                                  | Water Location (hose bib preferred) Bathroom in Hallway          |   |   |  |            |  |  |
| Onsite Room                   | Name:                     |                           | Cou                         | nselor's (                    | Office  |  |                                    | Electric Panel Tie-in Location (Majors) N/A                      |   |   |  |            |  |  |
| Project Type:<br>Minor, Major |                           |                           | ll, Inci                    | dental                        |   |  |                                    | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   |   |  |            |  |  |
| High Traffic Area? Yes        |                           |                           |                             |                               |   |  |                                    | Potential For Dama   | age - Air?                              | Yes   |  |            |  |  |
| High Activity                 | Area?                     |                           | Yes                         |                               |   |  |                                    | Potential For Dama   | age - Vibration?                        | No  |  |            |  |  |
| High Access                   | Area?                     |                           | Yes                         |                               |   |  |                                    | Potential For Dama   | age - Water?                            | No  |  |            |  |  |
|                               |                           |                           | •                           |                               |   |  |                                    |  |   |   |  |            |  |  |
| Material                      | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative Method  if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations        | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |  |  |
| Pipe Insulation<br>2-6 inch   | 60 LF                     | 1 LF                      | 1 LF                        | No                            | Encapsulation                                       | Riser in Corner                                | No                                 | N/A  | Desk and supples                        | No  | N/A                                      | 0          |  |  |



Carnell, Laura H

Counselor's Office

#### **PHOTOS**





Open Seam

Perspective Picture



| Scope of Work  |              |   |    |                                       |                      |                              |     |  |  |  |  |
|--|--------------|---|----|---------------------------------------|----------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 2            |   |    | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | H13          | Estimated # of Man-hours to Complete this Scope | 4  | Water Location (ho                    | ose bib preferred)   | Bathroom in Hallway          | •   |  |  |  |  |
| Onsite Room Name:  | 1st Floor Ha | llway where Element 2 Begi                      | ns | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Nonfriable   |   |    | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | Shower/Clean Room            |     |  |  |  |  |
| High Traffic Area?   | Yes          |   |    | Potential For Dama                    | nge - Air?           | Yes                          |     |  |  |  |  |
| High Activity Area?  | Yes          |   |    | Potential For Dama                    | nge - Vibration?     | Yes                          |     |  |  |  |  |
| High Access Area?  | Yes          |   |    | Potential For Dama                    | nge - Water?         | Yes                          |     |  |  |  |  |

| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    |         | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|---------------------------|-------|----|---------|------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 243 SF                    | 10 SF                     | 10 SF | No | Removal | Throughout                   | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A  | N/A                                     | No  | N/A                                      | 1          |

Comments: Cracks in floor tile throughout. Pictures do not show all cracks



Carnell, Laura H PHOTOS 1st Floor Hallway where Element 2 Begins





Cracking tiles Cracking tiles



|                               |                           |                           |                             |                               |   | S                               | cope of Wo                              | ork   |   |   |  |           |  |
|-------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|---|---------------------------------|---|---|---|---|--|-----------|--|
| Work Location                 | on #:                     |                           | 3                           |                               |   |                                 |   | Use of Room:  | N/A                                     | Student/Teacher<br>Occupied?                          |  | Yes       |  |
| Space ID:                     |                           |                           | 113                         | В                             | Estimated # of to Complete                          |                                 | 1                                       | Water Location (hos                                       | se bib preferred)                       | Bathroom  |  |           |  |
| Onsite Room                   | Name:                     |                           |                             | Wing 1stor's Close            | -   | Restroom Adja                   | cent to                                 | Electric Panel Tie-in                                     | n Location (Majors)                     | N/A   |  |           |  |
| Project Type:<br>Minor, Major |                           |                           | ll, Sma                     | ıll                           |   |                                 |   | Shower/Clean Room<br>3 Stage Decon Loca                   | ` ′                                     | Shower/Clea   | ın Room                                  |           |  |
| High Traffic                  | Area?                     |                           | Yes                         |                               |   |                                 |   | Potential For Dama  | ge - Air?                               | Yes   |  |           |  |
| High Activity                 | Area?                     |                           | Yes                         |                               |   |                                 |   | Potential For Dama  | ge - Vibration?                         |   |  |           |  |
| High Access                   | Area?                     |                           | No                          |                               |   |                                 |   | Potential For Damas                                       | ge - Water?                             | No  |  |           |  |
|                               |                           |                           |                             |                               |   |                                 |   |   |   |   |  |           |  |
| Material                      | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD' |  |
| Dina Fitting                  |                           | 2 Each                    | No                          | Encapsulation                 | Top left corner                                     | No                              | N/A                                     | N/A   | No                                      | N/A   | 0  |           |  |



Carnell, Laura H

New Wing 1st Floor Boy's Restroom Adjacent to Janitor's Closet

### PHOTOS





Crack in 2 Fittings

Perspective Picture

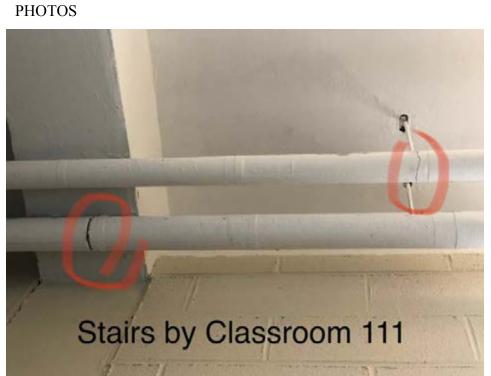


|                               |   |                  |                             |                     |                                | \$                                     | Scope of Wo               | ork  |   |   |  |            |
|-------------------------------|---|------------------|-----------------------------|---------------------|--------------------------------|--|---------------------------|--|---|---|--|------------|
| Work Locatio                  | n #:  |                  | 4                           |                     |                                |  |                           | Use of Room:   | N/A                                     | Student<br>Occu                           | Teacher pied?                            | Yes        |
| Space ID:                     |   |                  | S00                         | )                   | Estimated # of to Complete 1   |  | 1                         | Water Location (hos  | se bib preferred)                       | Bathroom in Hallway                       |  |            |
| Onsite Room                   | Name:   |                  | Stai                        | rs in Elen          | nent 2(New W                   | ing) by Classr                         | oom 111                   | Electric Panel Tie-in Location (Majors) N/A                      |   |   |  |            |
| Project Type:<br>Minor, Major |   |                  | ll, Inci                    | dental              |                                |  |                           | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   |   |  |            |
| High Traffic                  | Area?   |                  | Yes                         |                     |                                |  |                           | Potential For Damas  | ge - Air?                               | Yes                                       |  |            |
| High Activity                 | Area?   |                  | Yes                         |                     |                                |  |                           | Potential For Dama   | No                                      |   |  |            |
| High Access A                 | Area?   |                  | No                          |                     |                                |  |                           | Potential For Damage - Water?                                    |   | No  |  |            |
|                               |   |                  |                             |                     |                                |  |                           |  |   |   |  |            |
| Material                      | Total<br>Present  | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Method Barriers Required? |  | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               | LF/SF   | LF/SF            | LF/SF                       | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define            | List locations   | Provide Summary List                    | Objects?                                  | Contamment                               |            |
| Pipe Insulation<br>2-6 inch   | Pipe Insulation 30 LF 1 LF 1 LF No Encapsulation Window Wall No |                  |                             |                     |                                |  | No                        | N/A  | N/A                                     | No  | N/A                                      | 0          |
|                               |   |                  |                             |                     |                                |  |                           |  |   |   |  |            |



Carnell, Laura H

Stairs in Element 2(New Wing) by Classroom 111





Two Open Seams

Perspective Picture



| Scope of Work  |   |     |  |                                      |                       |                           |     |  |  |  |  |  |
|--|---|-----|--|--------------------------------------|-----------------------|---------------------------|-----|--|--|--|--|--|
| Work Location #:   | 5   |     |  | Use of Room:                         | N/A                   | Student/Teacher Occupied? | Yes |  |  |  |  |  |
| Space ID:  | Estimated # of Man-hours to Complete this Scope 4 |     |  | Water Location (h                    | nose bib preferred)   | Bathroom in hallway       | ·   |  |  |  |  |  |
| Onsite Room Name:  | Classroom   | 111 |  | Electric Panel Tie                   | -in Location (Majors) | N/A                       |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small   |     |  | Shower/Clean Roo<br>3 Stage Decon Lo | ,                     | Shower/clean room         |     |  |  |  |  |  |
| High Traffic Area?   | Yes   |     |  | Potential For Dan                    | nage - Air?           | Yes                       |     |  |  |  |  |  |
| High Activity Area?  | Yes   |     |  | Potential For Dan                    | nage - Vibration?     | No                        |     |  |  |  |  |  |
| High Access Area?  | Yes   |     |  | Potential For Dam                    | nage - Water?         | No                        |     |  |  |  |  |  |

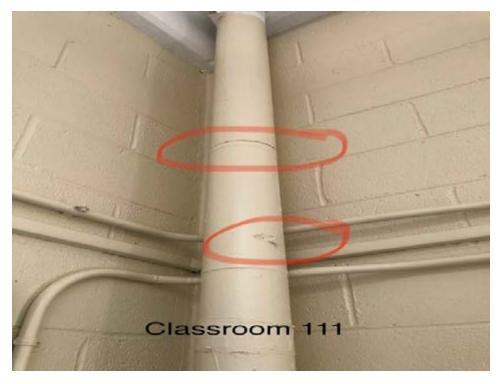
| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 39 LF                     | 2 LF                      | 2 LF | No | Encapsulation                                       | Risers of classroom          | No                                      | N/A  | N/A                                     | No  | N/A                                      | 1          |

Comments: Five Seam Openings and Two Indentations on Pipe Insulation



Carnell, Laura H

Classroom 111





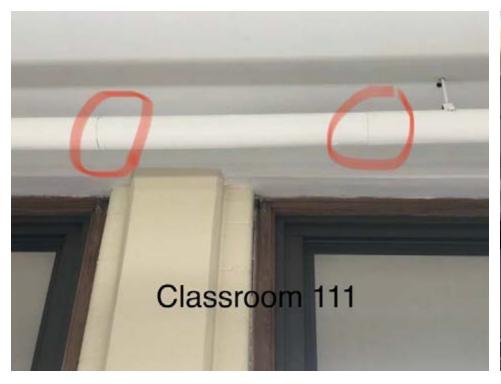
Open seam and indentation

Perspective Picture



Carnell, Laura H

Classroom 111





Two Open Seams

Open Seam and Indentation



|  |                             |                                 | Scope of Wo | ork                                   |                     |                     |                |            |
|--|-----------------------------|---------------------------------|-------------|---------------------------------------|---------------------|---------------------|----------------|------------|
| Work Location #:   | 6                           |                                 |             | Use of Room:                          | N/A                 | Student/T<br>Occupi |                | Yes        |
| Space ID:  |                             | # of Man-hours<br>te this Scope | 8           | Water Location (ho                    | se bib preferred)   | Bathroom in I       | Hallway        |            |
| Onsite Room Name:  | Classroom 111 Closet        |                                 |             | Electric Panel Tie-i                  | n Location (Majors) | ) N/A               |                |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor                       |                                 |             | Shower/Clean Room 3 Stage Decon Local | ` '                 | Shower/Clean        | Room           |            |
| High Traffic Area?   | No                          |                                 |             | Potential For Dama                    | ge - Air?           | No                  |                |            |
| High Activity Area?  | Yes                         |                                 |             | Potential For Dama                    | ge - Vibration?     | Yes                 |                |            |
| High Access Area?  | Yes                         |                                 |             | Potential For Dama                    | ge - Water?         | No                  |                |            |
|  |                             |                                 |             |                                       |                     |                     |                |            |
| Material Total Damage Re                                     | moval/ Imminent   Abatement | Specific Location               | Alternative | Plywood Isolation                     | Moveable Objects?   | Is There            | Glove Bag Tent | # of AFD's |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|-------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 14 LF                     | 2 LF                      | 14 LF | No | Removal   | All risers in closet         | No                                      | N/A  | Toys                                    | No  | Full<br>Containment                      | 1          |

Comments: 2 LF of damage but all pipe insulation needs to be removed because it is associated with shelves



Carnell, Laura H

Classroom 111 Closet

**PHOTOS** 





Perspective Picture

**Exposed Ends** 



Carnell, Laura H PHOTOS Classroom 111 Closet



Indentations



|  |              |   | Scope of Wo | ork                                   |                      |                              |     |
|--|--------------|---|-------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 7            |   |             | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | H12          | Estimated # of Man-hours to Complete this Scope | 4           | Water Location (ho                    | ose bib preferred)   | Bathroom in hallway          | •   |
| Onsite Room Name:  | 1st Floor Ne | w Wing Hallway outside cla                      | ssroom 111  | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Nonfriable   |   |             | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes          |   |             | Potential For Dama                    | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes          |   |             | Potential For Dama                    | age - Vibration?     | Yes                          |     |
| High Access Area?  | Yes          |   |             | Potential For Dama                    | age - Water?         | Yes                          |     |

| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 700 SF                    | 5 SF                      | 5 SF | No | Removal   | Cracks throughout            | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A  | N/A                                     | No  | N/A                                      | 1          |

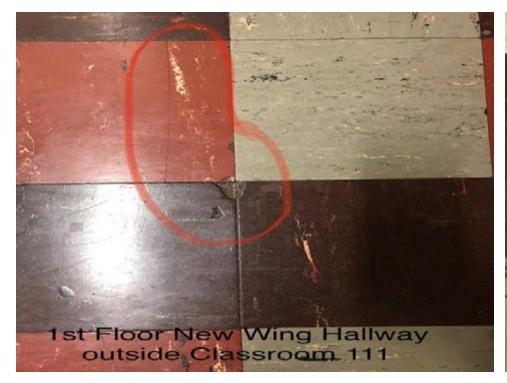
Comments: Cracks throughout. Pictures do not show all cracks.



Carnell, Laura H

1st Floor New Wing Hallway outside classroom 111

#### **PHOTOS**





Cracks in Tile Cracks in Tile



|                            |  |               |                          |                |                                  | ,                               | Scope of Wo           | ork                                  |                      |   |                        |            |
|----------------------------|--|---------------|--------------------------|----------------|----------------------------------|---------------------------------|-----------------------|--------------------------------------|----------------------|---|------------------------|------------|
| Work Locatio               | n #:   |               | 8                        |                |                                  |                                 |                       | Use of Room:                         | N/A                  | Student<br>Occu                           | Teacher<br>pied?       | Yes        |
| Space ID:                  |  |               | 113.                     | A              | Estimated # of to Complete       |                                 | 1                     | Water Location (hos                  | se bib preferred)    | In bathroom                               |                        |            |
| Onsite Room                | Name:  |               | Mer                      | n's Staff F    | Restroom acro                    | ss from Classro                 | oom 111               | Electric Panel Tie-in                | n Location (Majors)  | N/A                                       |                        |            |
|                            | ct Type: Incidental, Small, r, Major, Nonfriable  Traffic Area?  Yes |               |                          |                |                                  |                                 |                       | Shower/Clean Room 3 Stage Decon Loca | ` '                  | N/A                                       |                        |            |
| High Traffic A             | Area?  |               | Yes                      |                |                                  |                                 |                       | Potential For Damas                  | ge - Air?            | Yes                                       |                        |            |
| High Activity              | Area?  |               | Yes                      |                |                                  |                                 |                       | Potential For Damas                  | ge - Vibration?      | No  |                        |            |
| High Access A              | High Access Area? Yes  |               |                          |                |                                  |                                 |                       | Potential For Damage - Water? No     |                      |   |                        |            |
|                            |  |               |                          |                |                                  |                                 |                       |                                      |                      |   |                        |            |
| Material                   | Total  |               |                          | Imminent       | Abatement                        | Specific Location               |                       | Plywood Isolation                    | Moveable Objects?    | Is There                                  | Glove Bag Tent         | # of AFD's |
|                            | Present  LF/SF   | Amount  LF/SF | Encap<br>Amount<br>LF/SF | Hazard? yes/no | Type Remove, Repair, Encapsulate | i.e. riser #, wall#,<br>window# | Method if yes, define | Barriers Required?  List locations   | Provide Summary List | Asbestos Debris<br>on Movable<br>Objects? | or Full<br>Containment |            |
| Pipe Fitting<br>Insulation | 12 Each  | 1 Each        | 1 Each                   | No             | Encapsulation                    | Far Left Riser                  | No                    | N/A                                  | N/A                  | No  | N/A                    | 0          |
|                            |  |               |                          |                |                                  |                                 |                       |                                      |                      |   |                        |            |



Carnell, Laura H

Men's Staff Restroom across from Classroom 111

#### **PHOTOS**





Exposed End

Perspective Picture



|                                |                      |                  |               |                     |                                | 1                                      | Scope of Wo    | ork                                     |   |   |  |            |
|--------------------------------|----------------------|------------------|---------------|---------------------|--------------------------------|--|----------------|---|---|---|--|------------|
| Work Locatio                   | n #:                 |                  | 9             |                     |                                |  |                | Use of Room:                            | N/A                                     | Student<br>Occu                           | Teacher<br>pied?                         | Yes        |
| Space ID:                      |                      |                  | 112           |                     | Estimated # of to Complete     | of Man-hours<br>this Scope             | 1              | Water Location (hos                     | se bib preferred)                       | Bathroom in                               | hallway                                  |            |
| Onsite Room                    | Name:                |                  | Clas          | ssroom 11           | 12                             |  |                | Electric Panel Tie-in                   | n Location (Majors)                     | N/A                                       |  |            |
| Project Type:<br>Minor, Major, |                      | -                | II, Inci      | dental              |                                |  |                | Shower/Clean Room<br>3 Stage Decon Loca | ,                                       | N/A                                       |  |            |
| High Traffic A                 | Area?                |                  | Yes           |                     |                                |  |                | Potential For Dama                      | ge - Air?                               | Yes                                       |  |            |
| High Activity                  | Area?                |                  | Yes           |                     |                                |  |                | Potential For Dama                      | ge - Vibration?                         | No  |  |            |
| High Access A                  | High Access Area? No |                  |               |                     |                                |  |                | Potential For Dama                      | ge - Water?                             | No  |  |            |
|                                |                      |                  |               |                     |                                |  |                |   |   |   |  |            |
| Material                       | Total<br>Present     | Damage<br>Amount | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Method         | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                                | LF/SF                | LF/SF            | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define | List locations                          | Provide Summary List                    | Objects?                                  | Containment                              |            |
| Pipe Insulation<br>2-6 inch    | 48 LF                | 1 LF             | 1 LF          | No                  | Encapsulation                  | Middle of Windov<br>wall               | No No          | N/A                                     | cabinets                                | No  | N/A                                      | 0          |
|                                |                      |                  |               |                     |                                |  |                |   |   |   |  |            |



Carnell, Laura H

Classroom 112

#### **PHOTOS**





Open Seam Perspective Picture



|  |           |   | Scope of Wo | ork                                   |                      |                              |     |
|--|-----------|---|-------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 10        |   |             | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 113       | Estimated # of Man-hours to Complete this Scope | 2           | Water Location (ho                    | ose bib preferred)   | Bathroom in hallway          | ·   |
| Onsite Room Name:  | Classroom | 113   |             | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small     |   |             | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes       |   |             | Potential For Dama                    | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes       |   |             | Potential For Dama                    | age - Vibration?     | No                           |     |
| High Access Area?  | No        |   |             | Potential For Dama                    | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 38 LF                     | 2 LF                      | 2 LF | No | Encapsulation                                       | Pipes along window wall      | No                                      | N/A  | Desks and cabinets                      | No  | N/A                                      | 0          |

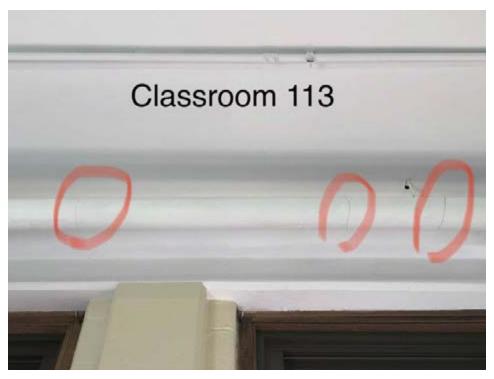
Comments: 6 seam openings/cracks



Carnell, Laura H

Classroom 113

**PHOTOS** 

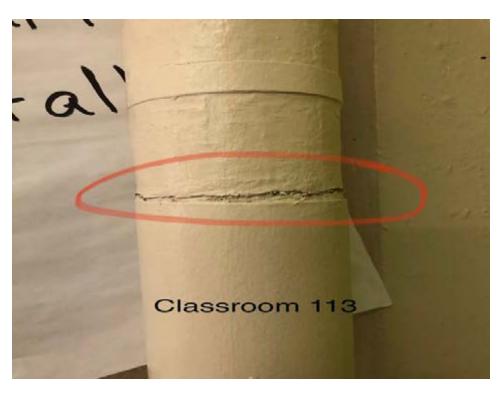




Seam opening Seam opening



Carnell, Laura H PHOTOS Classroom 113



Seam opening



## Asbestos Design Data Collection (DDC) 10242019

|                                  |                           |                  |                             |                               |                                      |                              | Scope of Wo | ork  |   |   |  |            |
|----------------------------------|---------------------------|------------------|-----------------------------|-------------------------------|--------------------------------------|------------------------------|-------------|--|---|---|--|------------|
| Work Location                    | #:                        |                  | 11                          |                               |                                      |                              |             | Use of Room:   | N/A                                     | Student<br>Occu                                       | Teacher pied?                            | Yes        |
| Space ID:                        |                           |                  | 113                         | Е                             | Estimated # of to Complete           | of Man-hours<br>this Scope   | 8           | Water Location (ho                                   | se bib preferred)                       | Bathroom in   | Hallway                                  |            |
| Onsite Room N                    | Vame:                     |                  | Clas                        | sroom 11                      | 13 Closet                            |                              |             | Electric Panel Tie-in                                | n Location (Majors)                     | N/A   |  |            |
| Project Type: I<br>Minor, Major, |                           | -                | ll, Min                     | or                            |                                      |                              |             | Shower/Clean Roor<br>3 Stage Decon Loca              | ,                                       | Shower/Clea   | n Room                                   |            |
| High Traffic A                   | rea?                      |                  | No                          |                               |                                      |                              |             | Potential For Dama                                   | ge - Air?                               | No  |  |            |
| High Activity                    | Area?                     |                  | No                          |                               |                                      |                              |             | Potential For Dama                                   | ge - Vibration?                         | Yes   |  |            |
| High Access A                    | rea?                      |                  | Yes                         |                               |                                      |                              |             | Potential For Dama                                   | ge - Water?                             | No  |  |            |
|                                  |                           |                  |                             |                               |                                      |                              |             |  |   |   |  |            |
| Material                         | Total<br>Present<br>LF/SF | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair, | i.e. riser #, wall#, window# | Method      | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                                  |                           |                  | LF/SF                       |                               | Encapsulate                          |                              |             |  |   |   |  |            |
| Pipe Insulation 2-6 inch         | 24 LF                     | 2 LF             | 24 LF                       | No                            | Removal                              | All pipes in close           | No          | N/A  | Mini fridge, supplies, and boxes        | No  | Full<br>Containment                      | 1          |

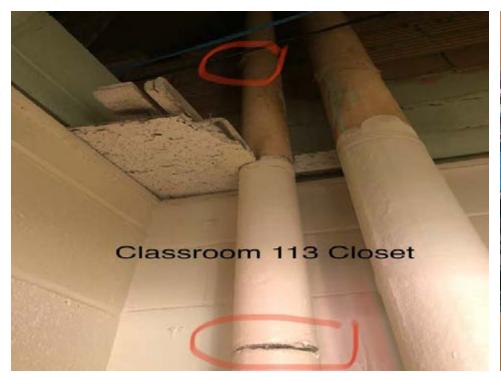
Comments: 2 LF of seam opening and indentation damage. However the all the pipes need to be abated as they are associated with shelves



Carnell, Laura H

Classroom 113 Closet

#### **PHOTOS**





Seam opening and idnetation

Perspective Picture



|  |                                   | Scope | of Work                               |                      |                              |     |
|--|-----------------------------------|-------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 12                                |       | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | Estimated # of M to Complete this |       | Water Location (ho                    | ose bib preferred)   | Bathroom in Hallway          |     |
| Onsite Room Name:  | Classroom 313                     |       | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental                        |       | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes                               |       | Potential For Dama                    | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes                               |       | Potential For Dama                    | age - Vibration?     | No                           |     |
| High Access Area?  | No                                |       | Potential For Dama                    | age - Water?         | No                           |     |
| High Activity Area?  | Yes                               |       | Potential For Dama                    | age - Vibration?     | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 36 LF                     | 1 LF                      | 1 LF | No | Encapsulation | Pipes along window wall      | No                                      | N/A  | Desks                                   | No  | N/A                                      | 0          |

Comments: 3 seam openings



Carnell, Laura H

Classroom 313

**PHOTOS** 





Open Seams Perspective Picture



Carnell, Laura H

Classroom 313

#### PHOTOS



Perspective Picture of additional open seams



|                               |                  |                  |                   |                     |                                | S                                      | scope of Wo           | ork                                     |   |   |  |            |
|-------------------------------|------------------|------------------|-------------------|---------------------|--------------------------------|--|-----------------------|---|---|---|--|------------|
| Work Location                 | on #:            |                  | 13                |                     |                                |  |                       | Use of Room:                            | N/A                                     | Student<br>Occu                           | Teacher pied?                            | Yes        |
| Space ID:                     |                  |                  | 213               |                     | Estimated # of to Complete     |  | 1                     | Water Location (ho                      | se bib preferred)                       | Bathroom in                               | Hallway                                  |            |
| Onsite Room                   | Name:            |                  | Clas              | sroom 21            | 13                             |  |                       | Electric Panel Tie-in                   | n Location (Majors)                     | N/A                                       |  |            |
| Project Type:<br>Minor, Major |                  |                  | ll, Inci          | dental              |                                |  |                       | Shower/Clean Roor<br>3 Stage Decon Loca | ` /                                     | N/A                                       |  |            |
| High Traffic                  | Area?            |                  | Yes               |                     |                                |  |                       | Potential For Dama                      | ge - Air?                               | Yes                                       |  |            |
| High Activity                 | Area?            |                  | Yes               |                     |                                |  |                       | Potential For Dama                      | ge - Vibration?                         | No  |  |            |
| High Access                   | Area?            |                  | No                |                     |                                |  |                       | Potential For Dama                      | ge - Water?                             | No  |  |            |
|                               |                  |                  |                   |                     |                                |  |                       |   |   |   |  |            |
| Material                      | Total<br>Present | Damage<br>Amount | Removal/<br>Encap | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               | LF/SF            | LF/SF            | Amount  LF/SF     | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations                          | Provide Summary List                    | Objects?                                  | Contamment                               |            |
| Pipe Fitting<br>Insulation    | 6 Each           | 1 Each           | 1 Each            | No                  | Encapsulation                  | Top Right Corner                       | No                    | N/A                                     | Desks                                   | No  | N/A                                      | 0          |
|                               |                  |                  |                   |                     |                                |  |                       |   |   |   |  |            |



Carnell, Laura H PHOTOS Classroom 213



Perspective picture of cracked fitting



|                               |                           |                           |                             |                               |   |                                | Scope of W | ork   |   |   |  |            |
|-------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|---|--------------------------------|------------|---|---|---|--|------------|
| Work Locatio                  | n #:                      |                           | 14                          |                               |   |                                |            | Use of Room:  | N/A                                     | Student,<br>Occu                                      | Teacher<br>pied?                         | Yes        |
| Space ID:                     |                           |                           | 213]                        | Е                             | Estimated # of to Complete                          | of Man-hours<br>this Scope     | 8          | Water Location (ho                                      | se bib preferred)                       | Bathroom in   | Hallway                                  |            |
| Onsite Room                   | Name:                     |                           | Clas                        | sroom 21                      | 13 Closet   |                                |            | Electric Panel Tie-in                                   | n Location (Majors)                     | ) N/A   |  |            |
| Project Type:<br>Minor, Major |                           |                           | ll, Min                     | Minor                         |   |                                |            | Shower/Clean Roor<br>3 Stage Decon Loca                 | ,                                       | Shower/clean Room                                     |  |            |
| High Traffic                  | Area?                     |                           | No                          |                               |   |                                |            | Potential For Dama                                      | ge - Air?                               | No  |  |            |
| High Activity                 | Area?                     |                           | Yes                         |                               |   |                                |            | Potential For Dama                                      | ge - Vibration?                         | Yes   |  |            |
| High Access A                 | Area?                     |                           | Yes                         |                               |   |                                |            | Potential For Dama                                      | ge - Water?                             | No  |  |            |
|                               |                           |                           |                             |                               |   |                                |            |   |   |   |  |            |
| Material                      | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#<br>window# | Method     | Plywood Isolation<br>Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               |                           |                           |                             |                               |   |                                |            |   |   |   |  |            |

No

N/A

N/A

Full

Containment

No

Comments: 1 LF of open seam and indentation damage however all pipe in closet is written to be abated because it is associated with shelves

Pipes in closet

Pipe Insulation 2-6 inch

24 LF

1 LF

24 LF

No

Removal



Carnell, Laura H PHOTOS Classroom 213 Closet



Perspective picture with open seam damage



|   |                        | II CD                  |   | Student/Teacher  |  |
|---|------------------------|------------------------|---|--|--|
|   |                        | Use of Room:           | N/A   | Occupied?  | Yes  |
| Estimated # of Man-hours to Complete this Scope | 2                      | Water Location (hos    | se bib preferred)   | Bathroom in hallway  |  |
| room 212  |                        | Electric Panel Tie-in  | n Location (Majors)   | N/A  |  |
|   |                        |                        | ,   | N/A  |  |
|   |                        | Potential For Dama     | ge - Air?   | Yes  |  |
|   |                        | Potential For Dama     | ge - Vibration?   | No   |  |
|   |                        | Potential For Dama     | ge - Water?   | No   |  |
|   | to Complete this Scope | to Complete this Scope | to Complete this Scope  oom 212  Electric Panel Tie-in Shower/Clean Room 3 Stage Decon Loca Potential For Dama Potential For Dama | to Complete this Scope 2 Water Location (hose bib preferred) | water Location (hose bib preferred)  Bathroom in hallway  Bathroom in hallway  Electric Panel Tie-in Location (Majors)  Shower/Clean Room (Minors) or 3 Stage Decon Location (Majors)  Potential For Damage - Air?  Yes  Potential For Damage - Vibration?  No |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 48 LF                     | 2 LF                      | 2 LF | No | Encapsulation | Pipes along window wall      | No                                      | N/A  | desks and cabinets                      | No  | N/A                                      | 0          |

Comments: 6 seam openings/cracks in pipe insulation



Carnell, Laura H

Classroom 212

**PHOTOS** 





Perspective picture of open seams

Perspective picture of open seams



|   |  | Project Overview   |  |
|---|--|--|--|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 15   |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 212, Classroom 211, Classroom 211, Classroom 211, 2nd Floor Hallway from Classroom 211 to 213, 2nd Floor Men's Staff Bathroom, 2nd Floor Hallway Between Classroom 208 and 210, Classroom 210, Nurse's Offices, Nurse's Office Restroom, Classroom 206, IMC Library, IMC Office in back Corner, IMC Library, Classroom 203 |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 17 LF, 55 SF   |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 4  |
| Date Inspected:   | 12/19/2019 - 12/23/2019                |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                             | Project Request:<br>(AHERA, Maintenance Request,<br>Capital Project, or other) | AHERA 6 Month Surveillance   |



|  |                     |   | Scope of Wo | ork                                     |                                  |                              |     |
|--|---------------------|---|-------------|---|----------------------------------|------------------------------|-----|
| Work Location #:   | 1                   |   |             | Use of Room:                            | N/A                              | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 212                 | Estimated # of Man-hours to Complete this Scope | 3           | Water Location (ho                      | se bib preferred)                | Bathoom in hallway           |     |
| Onsite Room Name:  | Classroom 2         | 212   |             | Electric Panel Tie-in Location (Majors) |                                  | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Nonfriable          |   |             | Shower/Clean Room 3 Stage Decon Local   | ,                                | N/A                          |     |
| High Traffic Area?   | Yes                 |   |             | Potential For Dama                      | ge - Air?                        | Yes                          |     |
| High Activity Area?  | Yes                 |   |             | Potential For Dama                      | ge - Vibration?                  | Yes                          |     |
| High Access Area?  | gh Access Area? Yes |   |             |   | Potential For Damage - Water? No |                              |     |

| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#   | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|---------------------------|------|----|---|--------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 800 SF                    | 5 SF                      | 5 SF | No | Removal   | Cracks in tile throughout room | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A  | Desks                                   | No  | N/A                                      | 1          |

Comments: Cracks in floor tile throughout. Pictures do not show all cracks



Carnell, Laura H PHOTOS Classroom 212



Cracks in tile



|  |             |   | Scope of W | ork                                 |                      |                              |     |
|--|-------------|---|------------|-------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 2           |   |            | Use of Room:                        | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 211         | Estimated # of Man-hours to Complete this Scope | 2          | Water Location (ho                  | ose bib preferred)   | N/A                          |     |
| Onsite Room Name:  | Classroom 2 | :11   |            | Electric Panel Tie-i                | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small       |   |            | Shower/Clean Room 3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes         |   |            | Potential For Dama                  | nge - Air?           | Yes                          |     |
| High Activity Area?  | Yes         |   |            | Potential For Dama                  | age - Vibration?     | No                           |     |
| High Access Area?  | No          |   |            | Potential For Damage - Water? No    |                      |                              |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|-------------------------------|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 36 LF                     | 2 LF                      | 2 LF | No                            | Encapsulation | Pipes along window wall      | No                                      | N/A  | Desks                                   | No  | N/A                                      | 0          |

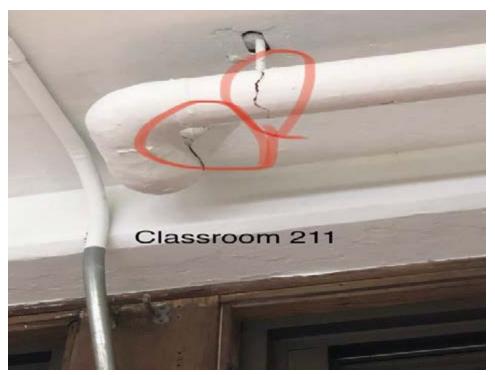
Comments: 5 Open Seams in pipe insulation



Carnell, Laura H

Classroom 211

#### **PHOTOS**

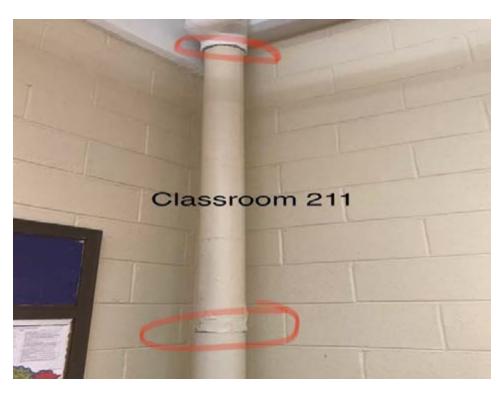




Open Seams Open Seams



Carnell, Laura H PHOTOS Classroom 211



Open Seams



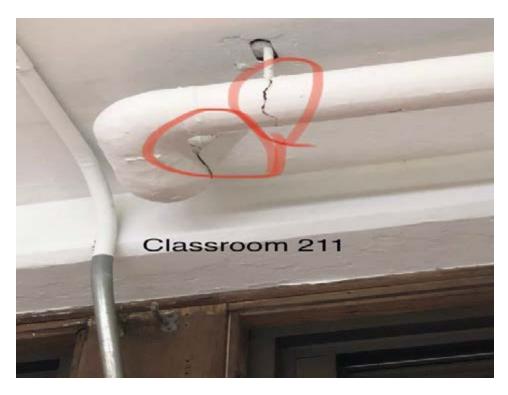
| Work Location #:   |                         |           |          |                                      |                                 |                       |   |                      |   |                           |            |
|--|-------------------------|-----------|----------|--------------------------------------|---------------------------------|-----------------------|---|----------------------|---|---------------------------|------------|
|  | Estimated # of Man-     |           |          |                                      |                                 |                       | Use of Room:                            | N/A                  | Student/Teacher<br>Occupied?              |                           | Yes        |
| Space ID:  |                         | 21        | I        | Estimated # of to Complete           |                                 | 1                     | Water Location (ho                      | se bib preferred)    | Bathroom in                               | hallway                   |            |
| Onsite Room Nan  | me:                     | Cla       | ssroom 2 | 11                                   |                                 |                       | Electric Panel Tie-i                    | n Location (Majors)  | N/A                                       |                           |            |
| Project Type: Inci<br>Minor, Major, No                             |                         | nall, Inc | idental  |                                      |                                 |                       | Shower/Clean Roor<br>3 Stage Decon Loca | ,                    | N/A                                       |                           |            |
| High Traffic Area? Yes   |                         |           |          |                                      |                                 |                       | Potential For Dama                      | ge - Air?            | Yes                                       |                           |            |
| High Activity Are  | ea?                     | Ye        | S        |                                      |                                 |                       | Potential For Dama                      | ge - Vibration?      | No  |                           |            |
| High Access Area   | a?                      | No        |          |                                      |                                 |                       | Potential For Dama                      | ge - Water?          | No  |                           |            |
|  |                         |           |          |                                      |                                 |                       |   |                      |   |                           |            |
|  | otal Dama<br>esent Amou | _         | Hazard?  | Abatement<br>Type                    | Specific Location               | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full | # of AFD's |
| LF   | F/SF LF/S               | F Amount  | yes/no   | Remove, Repair,<br>Encapsulate       | i.e. riser #, wall#,<br>window# | if yes, define        | List locations                          | Provide Summary List | Objects?                                  | Containment               |            |
| Pipe Fitting 5 Fach 1 Fach 1 Fach No Encapsulation Horizontal pipe |                         |           |          | Horizontal pipe along<br>window wall | g No                            | N/A                   | Desks                                   | No                   | N/A                                       | 0                         |            |



Carnell, Laura H

Classroom 211

#### **PHOTOS**



Wrap coming undone



|  |             |   | Scope of W | ork                                   |                      |                           |     |
|--|-------------|---|------------|---------------------------------------|----------------------|---------------------------|-----|
| Work Location #:   | 4           |   |            | Use of Room:                          | N/A                  | Student/Teacher Occupied? | Yes |
| Space ID:  | 211         | Estimated # of Man-hours to Complete this Scope | 3          | Water Location (h                     | ose bib preferred)   | Bathroom in Hallway       |     |
| Onsite Room Name:  | Classroom 2 | 211   |            | Electric Panel Tie-                   | in Location (Majors) | N/A                       |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Nonfriable  |   |            | Shower/Clean Roo<br>3 Stage Decon Loo | ,                    | N/A                       |     |
| High Traffic Area?   | Yes         |   |            | Potential For Dam                     | age - Air?           | Yes                       |     |
| High Activity Area?  | Yes         |   |            | Potential For Dam                     | age - Vibration?     | Yes                       |     |
| High Access Area?  | Yes         |   |            | Potential For Dam                     | age - Water?         | No                        |     |

| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|---------------------------|-------|----|---|--|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 800 SF                    | 10 SF                     | 10 SF | No | Removal   | Throughout and missing tile by wall #3         | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A  | Desks                                   | No  | N/A                                      | 1          |

Comments: Some cracks but main damage is missing floor tile that needs to be squared for the carpenters.



Carnell, Laura H PHOTOS Classroom 211



Cracked and missing tiles



|                               |   |                  |                   |                     |                                | ;                                      | Scope of Wo         | ork                                     |   |   |  |            |
|-------------------------------|---|------------------|-------------------|---------------------|--------------------------------|--|---------------------|---|---|---|--|------------|
| Work Locatio                  | n #:                                    |                  | 5                 |                     |                                |  |                     | Use of Room:                            | N/A                                     | Student/Teacher Occupied?                 |  | Yes        |
| Space ID:                     |   |                  | H25               |                     | Estimated # of to Complete     |  | 1                   | Water Location (hos                     | se bib preferred)                       | Bathroom in                               | hallway                                  |            |
| Onsite Room                   | Name:                                   |                  | 2nd               | Floor Ha            | llway from C                   | lassroom 211 t                         | o 213               | Electric Panel Tie-in                   | n Location (Majors)                     | N/A                                       |  |            |
| Project Type:<br>Minor, Major |   |                  | ll, Inci          | dental              |                                |  |                     | Shower/Clean Room<br>3 Stage Decon Loca | ,                                       | N/A                                       |  |            |
| High Traffic Area? Yes        |   |                  |                   |                     |                                |  | Potential For Damas | Yes                                     |   |   |  |            |
| High Activity                 | Area?                                   |                  | Yes               |                     |                                |  |                     | Potential For Damage - Vibration?       |   | No  |  |            |
| High Access                   | Area?                                   |                  | No                |                     |                                |  |                     | Potential For Dama                      | ge - Water?                             | No  |  |            |
|                               |   |                  |                   |                     |                                |  |                     |   |   |   |  |            |
| Material                      | Total<br>Present                        | Damage<br>Amount | Removal/<br>Encap | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Method              | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               | LF/SF                                   | LF/SF            | Amount  LF/SF     | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define      | List locations                          | Provide Summary List                    | Objects?                                  | Containment                              |            |
| Pipe Insulation<br>2-6 inch   | Pipe Insulation 24 IF 1 IF No Encapsula |                  |                   |                     | Encapsulation                  | By Window in middle of hallway         | No                  | N/A                                     | N/A                                     | No  | N/A                                      | 0          |
|                               |   |                  |                   |                     |                                |  |                     |   |   |   |  |            |



Carnell, Laura H PHOTOS 2nd Floor Hallway from Classroom 211 to 213



Perspective Picture with Seam openings



|  |                  |                  |                             |                                |                                | S                                      | cope of Wo            | ork  |   |   |  |            |
|--|------------------|------------------|-----------------------------|--------------------------------|--------------------------------|--|-----------------------|--|---|---|--|------------|
| Work Location #:   |                  |                  | 6                           | 6                              |                                |  |                       | Use of Room:   | N/A                                     | Student/Teacher<br>Occupied?              |  | Yes        |
| Space ID:  |                  |                  | 213]                        | R                              | Estimated # of to Complete 1   |  |                       | Water Location (hose bib preferred)                              |   | Bathroom                                  |  |            |
| Onsite Room Name:  |                  |                  |                             | 2nd Floor Men's Staff Bathroom |                                |  |                       | Electric Panel Tie-in Location (Majors)                          |   | N/A                                       |  |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable |                  |                  |                             | Incidental                     |                                |  |                       | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   | N/A                                       |  |            |
| High Traffic Area?   |                  |                  |                             | Yes                            |                                |  |                       | Potential For Damage - Air?                                      |   | Yes                                       |  |            |
| High Activity Area?  |                  |                  |                             | Yes                            |                                |  |                       | Potential For Damage - Vibration?                                |   | No  |  |            |
| High Access Area?  |                  |                  |                             | No                             |                                |  |                       | Potential For Damage - Water?                                    |   | No  |  |            |
|  |                  |                  | •                           |                                |                                |  |                       |  |   |   |  |            |
| Material   | Total<br>Present | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?            | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required?                          | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|  | LF/SF            | LF/SF            | LF/SF                       | yes/no                         | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations   | Provide Summary List                    | Objects?                                  | Contamment                               |            |
| Pipe Insulation<br>2-6 inch                                  | 50 LF            | 1 LF             | 1 LF                        | No                             | Encapsulation                  | Top Corner                             | No                    | N/A  | N/A                                     | No  | N/A                                      | 0          |
|  |                  |                  |                             |                                |                                |  |                       |  |   |   |  |            |



Carnell, Laura H

2nd Floor Men's Staff Bathroom

#### **PHOTOS**





Two opens Seams

Perspective picture



|  |              |   | Scope of Wo | ork                                   |                      |                              |     |
|--|--------------|---|-------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 7            |   |             | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | H211         | Estimated # of Man-hours to Complete this Scope | 2           | Water Location (ho                    | ose bib preferred)   | Bathroom in hallway          | •   |
| Onsite Room Name:  | 2nd Floor Ha | allway Between Classroom 2                      | 208 and 210 | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small        |   |             | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes          |   |             | Potential For Dama                    | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes          |   |             | Potential For Dama                    | age - Vibration?     | No                           |     |
| High Access Area?  | Yes          |   |             | Potential For Dama                    | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 59 LF                     | 2 LF                      | 2 LF | No | Encapsulation                                       | All pipes in hallway         | No                                      | N/A  | N/A                                     | No  | N/A                                      | 0          |

Comments: 5 seam openings in pipe insulation throughout

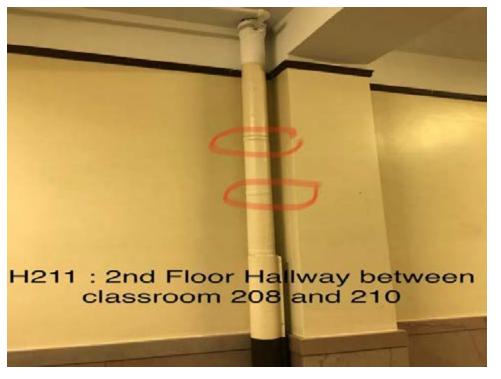


Carnell, Laura H

2nd Floor Hallway Between Classroom 208 and 210

#### **PHOTOS**





Open Seams Open Seams



Carnell, Laura H PHOTOS 2nd Floor Hallway Between Classroom 208 and 210



Open Seams



|  |             |   | Scope of Wo | ork                                     |                     |                              |     |
|--|-------------|---|-------------|---|---------------------|------------------------------|-----|
| Work Location #:   | 8           |   |             | Use of Room:                            | N/A                 | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 210         | Estimated # of Man-hours to Complete this Scope | 1           | Water Location (ho                      | se bib preferred)   | Bathroom in hallway          |     |
| Onsite Room Name:  | Classroom 2 | 10  |             | Electric Panel Tie-in                   | n Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental  |   |             | Shower/Clean Roor<br>3 Stage Decon Loca | ,                   | N/A                          |     |
| High Traffic Area?   | Yes         |   |             | Potential For Dama                      | ge - Air?           | Yes                          |     |
| High Activity Area?  | Yes         |   |             | Potential For Dama                      | ge - Vibration?     | No                           |     |
| High Access Area?  | Yes         |   |             | Potential For Dama                      | ge - Water?         | No                           |     |
| High Access Area?  |             |   |             |   | ·                   |                              |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 4 LF                      | 1 LF                      | 1 LF | No | Encapsulation | Risers on window wall        | No                                      | N/A  | Desks and computers                     | No  | N/A                                      | 0          |

Comments: One exposed end and one open seam



Carnell, Laura H

Classroom 210

#### **PHOTOS**



Exposed End Open Seam



|  |              |   | Scope of Wo | ork                                 |                      |                              |     |
|--|--------------|---|-------------|-------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 9            |   |             | Use of Room:                        | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 214          | Estimated # of Man-hours to Complete this Scope | 2           | Water Location (ho                  | ose bib preferred)   | Bathroom in hallway          | •   |
| Onsite Room Name:  | Nurse's Offi | ces   |             | Electric Panel Tie-i                | in Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small        |   |             | Shower/Clean Room 3 Stage Decon Loc | ,                    | N/A                          |     |
| High Traffic Area?   | Yes          |   |             | Potential For Dama                  | ige - Air?           | Yes                          |     |
| High Activity Area?  | Yes          |   |             | Potential For Dama                  | ige - Vibration?     | No                           |     |
| High Access Area?  | Yes          |   |             | Potential For Dama                  | nge - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 130 LF                    | 2 LF                      | 2 LF | No | Encapsulation                                       | Pipes throughout room        | No                                      | N/A  | Tables and supplies                     | No  | N/A                                      | 0          |

Comments: 5 Seam Openings



Carnell, Laura H

Nurse's Offices

#### **PHOTOS**

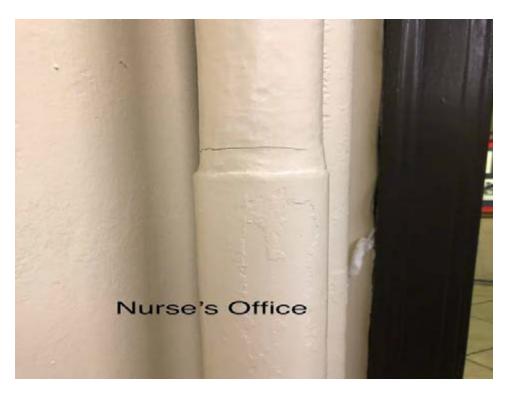




Open Seams Open Seams



Carnell, Laura H PHOTOS Nurse's Offices



Open Seam



|  |                 |                                   | \$              | Scope of Wo | ork                                  |                     |                         |             |            |
|--|-----------------|-----------------------------------|-----------------|-------------|--------------------------------------|---------------------|-------------------------|-------------|------------|
| Work Location #:   | 10              |                                   |                 |             | Use of Room:                         | N/A                 | Student/Tea<br>Occupied |             | Yes        |
| Space ID:  | 214A            | Estimated # of M to Complete this |                 | 1           | Water Location (hos                  | se bib preferred)   | Bathroom                |             |            |
| Onsite Room Name:  | Nurse's Offi    | ce Restroom                       |                 |             | Electric Panel Tie-in                | n Location (Majors) | N/A                     |             |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental      |                                   |                 |             | Shower/Clean Room 3 Stage Decon Loca | ,                   | N/A                     |             |            |
| High Traffic Area?   | Yes             |                                   |                 |             | Potential For Dama                   | ge - Air?           | Yes                     |             |            |
| High Activity Area?  | Yes             |                                   |                 |             | Potential For Dama                   | ge - Vibration?     | No                      |             |            |
| High Access Area?  | Yes             | ·                                 |                 |             | Potential For Dama                   | ge - Water?         | No                      |             |            |
| Material Total Damage Re                                     | novel/ Imminent | Abatement Sne                     | ecific Location | Alternative | Plywood Isolation                    | Mayeable Objects?   | Is There Glo            | ve Rag Tent | # of AFD's |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 25 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Riser by window              | No                                      | N/A  | N/A                                     | No  | N/A                                      | 0          |

Comments: Pipe is wrapped with duct tape which is a not a approved method of encapsulation



Carnell, Laura H PHOTOS Nurse's Office Restroom



Not properly encapsulated



|                               |                  |                  |               |                     |                                | S                                 | cope of Wo            | ork                                     |                      |   |  |            |
|-------------------------------|------------------|------------------|---------------|---------------------|--------------------------------|-----------------------------------|-----------------------|---|----------------------|---|--|------------|
| Work Location                 | n #:             |                  | 11            |                     |                                |                                   |                       | Use of Room:                            | N/A                  | Student<br>Occu                           | Teacher pied?                            | No         |
| Space ID:                     |                  |                  | 206           |                     | Estimated # of to Complete     |                                   | 1                     | Water Location (hos                     | se bib preferred)    | Bathroom in                               | hallway                                  |            |
| Onsite Room                   | Name:            |                  | Clas          | sroom 20            | )6                             |                                   |                       | Electric Panel Tie-in                   | n Location (Majors)  | N/A                                       |  |            |
| Project Type:<br>Minor, Major |                  |                  | ll, Inci      | dental              |                                |                                   |                       | Shower/Clean Room<br>3 Stage Decon Loca | ,                    | N/A                                       |  |            |
| High Traffic                  | Area?            |                  | Yes           |                     |                                |                                   |                       | Potential For Damas                     | ge - Air?            | No  |  |            |
| High Activity                 | Area?            |                  | Yes           |                     |                                |                                   |                       | Potential For Dama                      | ge - Vibration?      | No  |  |            |
| High Access                   | Area?            |                  | No            |                     |                                |                                   |                       | Potential For Dama                      | ge - Water?          | No  |  |            |
|                               |                  |                  | · ·           |                     |                                |                                   |                       |   |                      |   |  |            |
| Material                      | Total<br>Present | Damage<br>Amount | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location                 | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               | LF/SF            | LF/SF            | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window#   | if yes, define        | List locations                          | Provide Summary List | Objects?                                  | Containment                              |            |
| Pipe Insulation<br>2-6 inch   | 6 LF             | 1 LF             | 1 LF          | No                  | Encapsulation                  | Riser in middle of<br>window wall | No                    | N/A                                     | Book Shelf           | No  | N/A                                      | 0          |
|                               | •                |                  | ,             |                     |                                |                                   | •                     | ,                                       |                      | ,   |  |            |



Carnell, Laura H

Classroom 206





Perspective picture

Punctured pipe insulation



|  |             |   | Scope of Wo | ork                                   |                     |                              |     |
|--|-------------|---|-------------|---------------------------------------|---------------------|------------------------------|-----|
| Work Location #:   | 12          |   |             | Use of Room:                          | N/A                 | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 205         | Estimated # of Man-hours to Complete this Scope | 2           | Water Location (ho                    | se bib preferred)   | Bathroom in hallway          |     |
| Onsite Room Name:  | IMC Library | ý   |             | Electric Panel Tie-i                  | n Location (Majors) | N/A                          |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small       |   |             | Shower/Clean Room 3 Stage Decon Local | ,                   | N/A                          |     |
| High Traffic Area?   | Yes         |   |             | Potential For Dama                    | ge - Air?           | Yes                          |     |
| High Activity Area?  | Yes         |   |             | Potential For Dama                    | ge - Vibration?     | No                           |     |
| High Access Area?  | Yes         |   | _           | Potential For Dama                    | ge - Water?         | No                           |     |
|  | I           |   |             |                                       | <u> </u>            |                              |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 18 LF                     | 3 LF                      | 3 LF | No | Encapsulation                                       | Risers along window wall     | No                                      | N/A  | Table                                   | No  | N/A                                      | 0          |

Comments: All 3 risers have damage. They have puncture, dents and/or staples holes in pipe insulation.



Carnell, Laura H

IMC Library

#### **PHOTOS**





Holes and dents Dent



Carnell, Laura H

IMC Library





Dent

Dent and 5th picture has staple holes



Carnell, Laura H PHOTOS IMC Library





|                          |   |                  |               |                     |                                | ;                               | Scope of Wo                             | ork                                     |                      |                             |                           |            |
|--------------------------|---|------------------|---------------|---------------------|--------------------------------|---------------------------------|---|---|----------------------|-----------------------------|---------------------------|------------|
| Work Locatio             | n #:  |                  | 13            |                     |                                |                                 |   | Use of Room:                            | N/A                  | Student,<br>Occu            | Teacher pied?             | Yes        |
| Space ID:                |   |                  | 205           | Е                   | Estimated # of to Complete 1   |                                 | 1                                       | Water Location (ho                      | se bib preferred)    | Bathroom in                 | hallway                   |            |
| Onsite Room              | Name:   |                  | IMC           | C Office i          | n back Corner                  | •                               |   | Electric Panel Tie-in                   | n Location (Majors)  | N/A                         |                           |            |
|                          | ect Type: Incidental, Small, or, Major, Nonfriable Incidental |                  |               |                     |                                |                                 | Shower/Clean Roor<br>3 Stage Decon Loca | ` ′                                     | N/A                  |                             |                           |            |
| High Traffic A           | Area?   |                  | Yes           |                     |                                |                                 |   | Potential For Dama                      | ge - Air?            | Yes                         |                           |            |
| High Activity            | Area?   |                  | Yes           |                     |                                |                                 |   | Potential For Dama                      | ge - Vibration?      | Yes                         |                           |            |
| High Access A            | Area?   |                  | Yes           |                     |                                |                                 |   | Potential For Dama                      | ge - Water?          | No                          |                           |            |
|                          |   |                  |               |                     |                                |                                 |   |   |                      |                             |                           |            |
| Material                 | Total<br>Present  | Damage<br>Amount | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location               | Method                                  | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |
|                          | LF/SF   | LF/SF            | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define                          | List locations                          | Provide Summary List | on Movable<br>Objects?      | Containment               |            |
| Pipe Insulation 2-6 inch | 6 LF  | 1 LF             | 1 LF          | No                  | Encapsulation                  | Riser by desk and window        | No                                      | N/A                                     | Desk                 | No                          | N/A                       | 0          |
|                          |   |                  |               |                     |                                |                                 |   |   |                      |                             |                           |            |



Carnell, Laura H

IMC Office in back Corner





Perspective Picture

Puncture damage



|  |             |   | Scope of Wo | ork                                  |                     |                           |     |
|--|-------------|---|-------------|--------------------------------------|---------------------|---------------------------|-----|
| Work Location #:   | 14          |   |             | Use of Room:                         | N/A                 | Student/Teacher Occupied? | Yes |
| Space ID:  | 205         | Estimated # of Man-hours to Complete this Scope | 8           | Water Location (ho                   | se bib preferred)   | Bathroom in Hallway       |     |
| Onsite Room Name:  | IMC Library | T .   |             | Electric Panel Tie-in                | n Location (Majors) | N/A                       |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Nonfriable  |   |             | Shower/Clean Room 3 Stage Decon Loca | ,                   | Shower/clean room         |     |
| High Traffic Area?   | Yes         |   |             | Potential For Dama                   | ge - Air?           | Yes                       |     |
| High Activity Area?  | Yes         |   |             | Potential For Dama                   | ge - Vibration?     | Yes                       |     |
| High Access Area?  | Yes         |   |             | Potential For Dama                   | ge - Water?         | No                        |     |
|  |             |   |             |                                      |                     |                           |     |

| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define   | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|---------------------------|---------------------------|---------------------------|-------|----|---|------------------------------|---|--|---|---|--|------------|
| Floor Tile VAT 9"<br>x 9" | 2262 SF                   | 40 SF                     | 40 SF | No | Removal   | Throughout floor             | Yes.<br>Alternative<br>Method: Dry<br>Ice | N/A  | Desks, chairs, cabinets and supplies    | No  | N/A                                      | 2          |

Comments: Cracks, dents and missing floor tiles throughout. Pictures do not include all damage



Carnell, Laura H

IMC Library





Cracks, dents and missing floor tiles

Cracks, dents and missing floor tiles



Carnell, Laura H

IMC Library





Cracks, dents and missing floor tiles

Cracks, dents and missing floor tiles



|                               |                  |                  |               |                     |                                | S                                 | cope of Wo            | ork                                     |                             |   |  |            |
|-------------------------------|------------------|------------------|---------------|---------------------|--------------------------------|-----------------------------------|-----------------------|---|-----------------------------|---|--|------------|
| Work Locatio                  | n #:             |                  | 15            |                     |                                |                                   |                       | Use of Room:                            | N/A                         | Student/Teacher Occupied?                 |  | Yes        |
| Space ID:                     |                  |                  | 203           |                     | Estimated # of to Complete     | of Man-hours<br>this Scope        | 1                     | Water Location (ho                      | se bib preferred)           | Bathroom in Hallway                       |  |            |
| Onsite Room                   | Name:            |                  | Clas          | sroom 20            | )3                             |                                   |                       | Electric Panel Tie-in                   | n Location (Majors)         | N/A                                       |  |            |
| Project Type:<br>Minor, Major |                  |                  | ll, Inci      | dental              |                                |                                   |                       | Shower/Clean Roor<br>3 Stage Decon Loca | ` /                         | N/A                                       |  |            |
| High Traffic A                | Area?            |                  | Yes           |                     |                                |                                   |                       | Potential For Dama                      | Yes                         |   |  |            |
| High Activity                 | Area?            |                  | Yes           |                     |                                |                                   |                       | Potential For Dama                      | No                          |   |  |            |
| High Access Area? No          |                  |                  |               |                     |                                |                                   |                       | Potential For Dama                      | ge - Water?                 | No  |  |            |
|                               |                  |                  | •             |                     |                                |                                   |                       |   |                             |   |  |            |
| Material                      | Total<br>Present | Damage<br>Amount | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location                 | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?           | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                               | LF/SF            | LF/SF            | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window#   | if yes, define        | List locations                          | Provide Summary List        | Objects?                                  | Containment                              |            |
| Pipe Insulation<br>2-6 inch   | 60 LF            | 1 LF             | 1 LF          | No                  | Encapsulation                  | Middle Riser along<br>window wall | No                    | N/A                                     | Metal cabinet and book case | No  | N/A                                      | 0          |
|                               |                  |                  |               |                     |                                |                                   |                       |   |                             |   |  |            |



Carnell, Laura H

Classroom 203

**PHOTOS** 





Open Seam Perspective Picture



|   |  | Project Overview   |   |
|---|--|--|---|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 15  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 208B, Classroom 203 Closet, Classroom 202, Classroom 201, Assistant Principal's Office, Custodial Closet Adjacent to Classroom 201, Basement, Large Custodial Closet near Girl's Restroom, Basement - Large Custodial closet near Girl's Restroom, Basement Hallway by Classroom B1 and Kitchen, Gym, Boiler Room, Boiler Room, Boiler Room, Basement Element 1 Hallway between Classroom 003 and Beginning of Element 2 Hallway, Basement Element 1 Hallway Between Classroom 003 and beginning of element 2 hallway |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 93 LF, 15 SF  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 9.5   |
| Date Inspected:   | 12/19/2019 - 12/21/2019                |  |   |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance  |



| Scope of Work  |           |   |   |                                       |                      |                              |     |  |  |  |  |  |
|--|-----------|---|---|---------------------------------------|----------------------|------------------------------|-----|--|--|--|--|--|
| Work Location #:   | 1         |   |   | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |
| Space ID:  | 208B      | Estimated # of Man-hours to Complete this Scope | 8 | Water Location (he                    | ose bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |  |
| Onsite Room Name:  | Classroom | 208B  |   | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor     |   |   | Shower/Clean Roo<br>3 Stage Decon Loo | ,                    | Shower/Clean Room            |     |  |  |  |  |  |
| High Traffic Area?   | No        |   |   | Potential For Dam                     | age - Air?           | No                           |     |  |  |  |  |  |
| High Activity Area?  | No        |   |   | Potential For Dam                     | age - Vibration?     | Yes                          |     |  |  |  |  |  |
| High Access Area?  | No        |   |   | Potential For Dam                     | age - Water?         | No                           |     |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       | Imminent<br>Hazard?<br>yes/no |         | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|-------|-------------------------------|---------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 13 LF                     | 5 LF                      | 13 LF | No                            | Removal | All pipe in closet           | No                                      | N/A  | Supplies and boxes                      | No  | Full<br>Containment                      | 1          |

Comments: 5 LF of damage. However all the pipe insulation is written for abatement because it is associated with shelves



Carnell, Laura H

Classroom 208B





Perspective Picture

Closer up Picture



| Work Location #: Space ID: Onsite Room Nam | <b>‡</b> :                    | 2                           |                     |                               |  |        |   |   | _ ~ .                                     | Scope of Work                            |            |  |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------------------------|-----------------------------|---------------------|-------------------------------|--|--------|---|---|---|--|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Onsite Room Nam                            |                               |                             |                     |                               |  |        | Use of Room: N/A                        |   | Student/Teacher<br>Occupied?              |  | Yes        |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               | 2031                        | ,                   | Estimated # of to Complete to | of Man-hours<br>this Scope             | 8      | Water Location (ho                      | se bib preferred)                       | Bathroom in Hallway                       |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
|  | me:                           | Clas                        | sroom 20            | 3 Closet                      |  |        | Electric Panel Tie-i                    | n Location (Majors)                     | ) N/A                                     |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
| Project Type: Incid<br>Minor, Major, No    |                               | ll, Min                     | or                  |                               |  |        | Shower/Clean Room<br>3 Stage Decon Loca | ,                                       | Shower/Clea                               | n Room                                   |            |  |  |  |  |  |  |  |  |  |  |  |  |
| High Traffic Area                          | ea?                           | No                          |                     |                               |  |        | Potential For Dama                      | ge - Air?                               | No  |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
| High Activity Area                         | rea?                          | No                          |                     |                               |  |        | Potential For Dama                      | ge - Vibration?                         | Yes                                       |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
| High Access Area                           | ea?                           | No                          |                     |                               |  |        | Potential For Dama                      | ge - Water?                             | No  |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
|  |                               |                             |                     |                               |  |        |   |   |   |  |            |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Total Damage<br>resent Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type             | Specific Location i.e. riser #, wall#, | Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |  |  |  |  |  |  |  |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF |      |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There Asbestos Debris on Movable Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|------|-------|----|---|------------------------------|---|--|---|--|--|------------|
| Pipe Insulation<br>2-6 inch | 15 LF                     | 1 LF | 15 LF | No | Removal   | All pipe in closet           | No                                      | N/A  | Boxes and supplies                      | No   | Full<br>Containment                      | 1          |

Comments: 1 LF of damage however all pipe insulation is written for abatement as it is associated with shelves.



Carnell, Laura H

Classroom 203 Closet





Perspective Picture

Close up picture of holes



| Scope of Work  |             |   |   |                                      |                       |                              |     |  |  |  |  |  |  |
|--|-------------|---|---|--------------------------------------|-----------------------|------------------------------|-----|--|--|--|--|--|--|
| Work Location #:   | 3           |   |   | Use of Room:                         | N/A                   | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |  |
| Space ID:  | 202         | Estimated # of Man-hours to Complete this Scope | 1 | Water Location (h                    | nose bib preferred)   | Bathroom in Hallway          | •   |  |  |  |  |  |  |
| Onsite Room Name:  | Classroom 2 | 02  |   | Electric Panel Tie                   | -in Location (Majors) | N/A                          |     |  |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental  |   |   | Shower/Clean Roo<br>3 Stage Decon Lo | ` /                   | N/A                          |     |  |  |  |  |  |  |
| High Traffic Area?   | Yes         |   |   | Potential For Dam                    | nage - Air?           | Yes                          |     |  |  |  |  |  |  |
| High Activity Area?  | Yes         |   |   | Potential For Dam                    | nage - Vibration?     | No                           |     |  |  |  |  |  |  |
| High Access Area?  | No          |   |   | Potential For Dam                    | nage - Water?         | No                           |     |  |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#   | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|--------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 30 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Riser in middle of window wall | No                                      | N/A  | Cabinets and boxes                      | No  | N/A                                      | 0          |

Comments: Two open seams in pipe insulation



Carnell, Laura H PHOTOS Classroom 202



Perspective picture of two open seams



|  |             |   | Scope of Work |                                       |                      |                              |     |  |  |  |  |  |  |  |  |  |
|--|-------------|---|---------------|---------------------------------------|----------------------|------------------------------|-----|--|--|--|--|--|--|--|--|--|
| Work Location #:   | 4           |   |               | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |  |  |  |  |
| Space ID:  | 201         | Estimated # of Man-hours to Complete this Scope | 1             | Water Location (ho                    | ose bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |  |  |  |  |  |
| Onsite Room Name:  | Classroom 2 | 01  |               | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |  |  |  |  |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental  |   |               | Shower/Clean Roo<br>3 Stage Decon Loc | ` '                  | N/A                          |     |  |  |  |  |  |  |  |  |  |
| High Traffic Area?   | Yes         |   |               | Potential For Dama                    | age - Air?           | Yes                          |     |  |  |  |  |  |  |  |  |  |
| High Activity Area?  | Yes         |   |               | Potential For Dama                    | age - Vibration?     | No                           |     |  |  |  |  |  |  |  |  |  |
| High Access Area?  | No          |   |               | Potential For Dama                    | age - Water?         | No                           |     |  |  |  |  |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#                                | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|---|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 58 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Riser in middle and<br>riser on far right of<br>window wall | No                                      | N/A  | Desks and tables                        | No  | N/A                                      | 0          |

Comments: Three open seams in pipe insulation



Carnell, Laura H

Classroom 201

#### **PHOTOS**





Two open seams

One open seam



| Scope of Work  |   |                                      |   |                     |                              |     |  |  |  |  |
|--|---|--------------------------------------|---|---------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 5   |                                      | Use of Room:  | N/A                 | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | Estimated # of Man-hours to Complete this Scope | Water Location (hose bib preferred)  |   | Bathroom in Hallway |                              |     |  |  |  |  |
| Onsite Room Name:  | Assistant Principal's Office                    | Electric Panel Tie-ii                | n Location (Majors)   | N/A                 |                              |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental                                      | Shower/Clean Room 3 Stage Decon Loca | ,   | N/A                 |                              |     |  |  |  |  |
| High Traffic Area?   | Yes   | Potential For Damage - Air?          |   | Yes                 |                              |     |  |  |  |  |
| High Activity Area?  | Yes   | Potential For Damage - Vibration?    |   | No                  |                              |     |  |  |  |  |
| High Access Area?  | No  |                                      | Potential For Damage - Water?                                 |                     | No                           |     |  |  |  |  |
| High Traffic Area?<br>High Activity Area?                    | Yes   |                                      | Potential For Damage - Air? Potential For Damage - Vibration? |                     | No                           |     |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 30 LF                     | 1 LF                      | 1 LF | No | Encapsulation | Both risers by window           | No                                      | N/A  | N/A                                     | No  | N/A                                      | 0          |

Comments: Two Open seams in pipe insulation



Carnell, Laura H

Assistant Principal's Office





Perspective Picture

Open seam left riser



Carnell, Laura H PHOTOS Assistant Principal's Office



Open seam right riser



|                      |  |                |                   |  |             |    | Scope of Wo                             | ork                                     |                          |  |               |    |
|----------------------|--|----------------|-------------------|--|-------------|----|---|---|--------------------------|--|---------------|----|
| Work Location #      | #:   |                | 6                 |  |             |    |   | Use of Room:                            | N/A                      | Student<br>Occu                          | Teacher pied? | No |
| Space ID:            |  |                | H29               | Estimated # of Man-hours to Complete this Scope 16  Custodial Closet Adjacent to Classroom 201 |             |    |   | Water Location (hos                     | se bib preferred)        | Bathroom in Hallway                      |               |    |
| Onsite Room Na       | Onsite Room Name: Custodial Closet Adjacent to Classroom 201 |                |                   |  |             |    | 201                                     | Electric Panel Tie-in                   |                          |  |               |    |
|                      | Project Type: Incidental, Small, Minor, Major, Nonfriable    |                |                   |  |             |    | Shower/Clean Room 3 Stage Decon Loca    | ,                                       | Shower/Clea              | an Room                                  |               |    |
| High Traffic Are     | ea?  |                | No                |  |             |    |   | Potential For Damas                     | ge - Air?                | No                                       |               |    |
| High Activity A      | rea?   |                | No                |  |             |    |   | Potential For Damas                     | ge - Vibration?          | No                                       |               |    |
| High Access Area? No |  |                |                   | Potential For Damas  | ge - Water? | No |   |   |                          |  |               |    |
|                      |  |                |                   |  |             |    |   |   |                          |  |               |    |
|                      |  | amage<br>mount | Removal/<br>Encap | *  |             |    | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There Asbestos Debris | Glove Bag Tent<br>or Full<br>Containment | # of AFD's    |    |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|-------|----|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 38 LF                     | 1 LF                      | 38 LF | No | Removal   | All pipe in closet              | No                                      | N/A  | Supplies                                | No  | Full<br>Containment                      | 1          |

Comments: 1 LF of damage but all pipe insulation is written for abatement because it is associated with shelves.



Carnell, Laura H

Custodial Closet Adjacent to Classroom 201

#### **PHOTOS**





Perspective Picture to Left

Perspective Picture to right



|               |   |       |               |        |                                   |   | Scope of W            | ork                                     |                      |                             |                           |            |
|---------------|---|-------|---------------|--------|-----------------------------------|---|-----------------------|---|----------------------|-----------------------------|---------------------------|------------|
| Work Location | on #:   |       | 7             |        |                                   |   |                       | Use of Room:                            | N/A                  | Student/<br>Occup           | Teacher pied?             | No         |
| Space ID:     |   |       | 13            |        | Estimated # o                     |   | 1                     | Water Location (ho                      | ose bib preferred)   | Bathroom in                 | Hallway                   |            |
| Onsite Room   | Basement, Large Custodial Restroom                    |       |               |        |                                   |   | irl's                 | Electric Panel Tie-                     | in Location (Majors) | N/A                         |                           |            |
|               | roject Type: Incidental, Small, Incidental Incidental |       |               |        |                                   | Shower/Clean Room (Minors) or 3 Stage Decon Location (Majors) |                       |   |                      |                             |                           |            |
| High Traffic  | Area?   |       | No            |        |                                   |   |                       | Potential For Dama                      | age - Air?           | No                          |                           |            |
| High Activity | y Area?   |       | No            |        |                                   |   |                       | Potential For Dama                      | age - Vibration?     | No                          |                           |            |
| High Access   | Area?   |       | No            |        |                                   |   |                       | Potential For Dama                      | age - Water?         | No                          |                           |            |
|               |   |       |               |        |                                   |   |                       |   |                      |                             |                           |            |
| Material      | 8   |       |               |        | Abatement                         | Specific Location   | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |
|               | LF/SF   | LF/SF | Amount  LF/SF | yes/no | Type  Remove, Repair, Encapsulate | i.e. riser #, wall#,<br>window#                               |                       | List locations                          | Provide Summary List | on Movable Objects?         | Containment               |            |

| Material                   | Total   | Damage | Removal/ | Imminent | Abatement       | Specific Location    | Alternative    | Plywood Isolation  | Moveable Objects?    | Is There               | Glove Bag Tent | # of AFD's |
|----------------------------|---------|--------|----------|----------|-----------------|----------------------|----------------|--------------------|----------------------|------------------------|----------------|------------|
|                            | Present | Amount | Encap    | Hazard?  | Type            |                      | Method         | Barriers Required? |                      | <b>Asbestos Debris</b> | or Full        |            |
|                            |         |        | Amount   |          |                 | i.e. riser #, wall#, |                |                    | Provide Summary List | on Movable             | Containment    |            |
|                            | LF/SF   | LF/SF  |          | yes/no   | Remove, Repair, | window#              | if yes, define | List locations     |                      | Objects?               |                |            |
|                            |         |        | LF/SF    |          | Encapsulate     |                      |                |                    |                      |                        |                |            |
| Pipe Fitting<br>Insulation | 19 Each | 2 Each | 2 Each   | No       | Encapsulation   | At ceiling           | No             | N/A                | Supplies             | No                     | N/A            | 0          |

Comments: Two cracked pipe fittings



Carnell, Laura H PHOTOS Basement, Large Custodial Closet near Girl's Restroom





Cracked pipe fitting

Cracked pipe fitting



|  |  |               |   |               |   | Scope of Wo                             | ork                                       |  |                 |               |    |
|--|--|---------------|---|---------------|---|---|---|--|-----------------|---------------|----|
| Work Location #:   |  | 8             |   |               |   |   | Use of Room:                              | N/A                                      | Student<br>Occu | Teacher pied? | No |
| Space ID:  |  | 13            | 13 Estimated # of Man-hours to Complete this Scope 1  Basement - Large Custodial closet near Girl's |               |   |   | Water Location (ho                        | ose bib preferred)                       | Bathroom in     | hallway       |    |
| Onsite Room Name:  |  | Base<br>Restr |   | arge Custodia | al closet near (                        | Girl's                                  | Electric Panel Tie-                       | in Location (Majors)                     | N/A             |               |    |
|  | roject Type: Incidental, Small,<br>Incidental, Major, Nonfriable |               |   |               |   |   | Shower/Clean Roo<br>3 Stage Decon Loc     | ,  | N/A             |               |    |
| High Traffic Area?   |  | No            |   |               |   |   | Potential For Dama                        | age - Air?                               | No              |               |    |
| High Activity Area?  | •  | No            |   |               |   |   | Potential For Dama                        | age - Vibration?                         | No              | _             | •  |
| High Access Area?  | No   |               |   |               |   | Potential For Dama                      | age - Water?                              | No                                       |                 |               |    |
| Material Total Damage Removal/ Imminent Abatement Specific Location Present Amount Encap Amount Type |  |               |   | Method        | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Moyable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's      |               |    |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 55 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Near ceiling                 | No                                      | N/A  | Supplies                                | No  | N/A                                      | 0          |

Comments: Exposed section of pipe insulation



Carnell, Laura H PHOTOS Basement - Large Custodial closet near Girl's Restroom



Exposed section of pipe insulation



|  | Scope of Work |   |         |                                       |                      |                           |     |  |  |  |  |  |  |
|--|---------------|---|---------|---------------------------------------|----------------------|---------------------------|-----|--|--|--|--|--|--|
| Work Location #:   | 9             |   |         | Use of Room:                          | N/A                  | Student/Teacher Occupied? | Yes |  |  |  |  |  |  |
| Space ID:  | H01           | Estimated # of Man-hours to Complete this Scope | 8       | Water Location (ho                    | ose bib preferred)   | Bathroom in Hallway       |     |  |  |  |  |  |  |
| Onsite Room Name:  | Basement Ha   | allway by Classroom B1 and                      | Kitchen | Electric Panel Tie-                   | in Location (Majors) | N/A                       |     |  |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor         |   |         | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | Shower/clean room         |     |  |  |  |  |  |  |
| High Traffic Area?   | Yes           |   |         | Potential For Dama                    | age - Air?           | Yes                       |     |  |  |  |  |  |  |
| High Activity Area?  | Yes           |   |         | Potential For Dama                    | age - Vibration?     | No                        |     |  |  |  |  |  |  |
| High Access Area?  | No            |   |         | Potential For Dama                    | age - Water?         | No                        |     |  |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#                        | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|---|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 350 LF                    | 5 LF                      | 5 LF | No | Encapsulation                                       | Throughout from<br>Large custodial<br>closet to Gym | No                                      | N/A  | N/A                                     | No  | N/A                                      | 1          |

Comments: 13 seam openings in pipe insulation throughout hallway



Carnell, Laura H

Basement Hallway by Classroom B1 and Kitchen







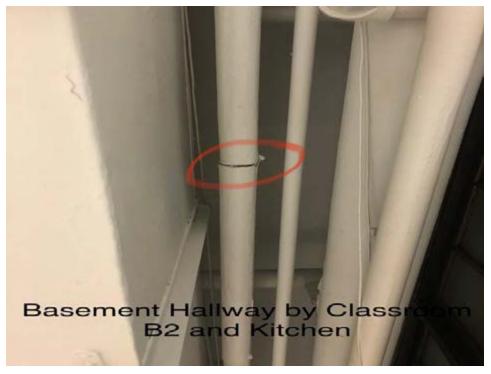
Open Seam Open Seam



Carnell, Laura H

Basement Hallway by Classroom B1 and Kitchen

#### PHOTOS





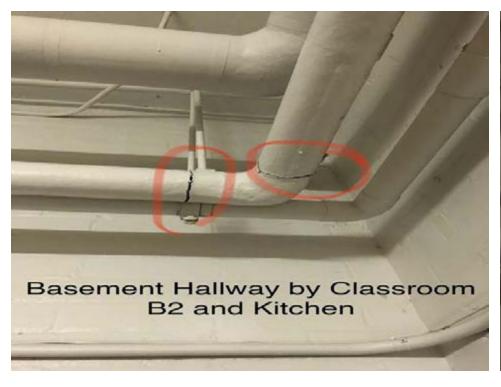
Open Seam Open Seam

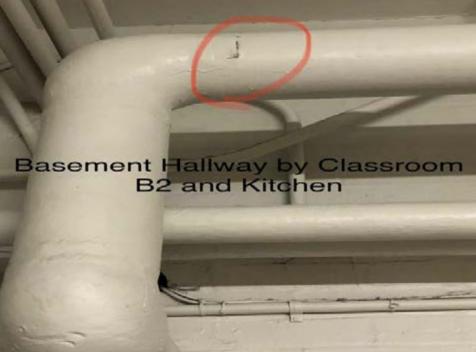


Carnell, Laura H

Basement Hallway by Classroom B1 and Kitchen

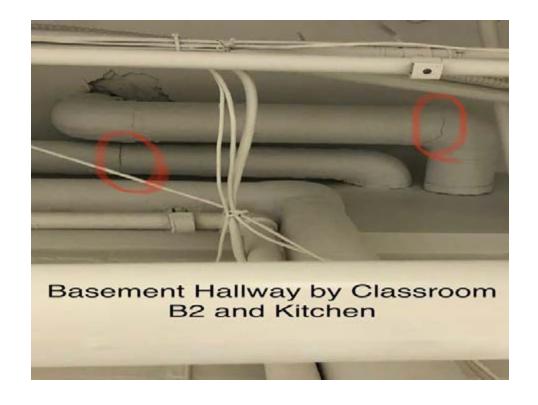
#### **PHOTOS**







Carnell, Laura H PHOTOS Basement Hallway by Classroom B1 and Kitchen





|  |       |   | Scope of \ | Work                                  |                      |                              |     |
|--|-------|---|------------|---------------------------------------|----------------------|------------------------------|-----|
| Work Location #:   | 10    |   |            | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 9     | Estimated # of Man-hours to Complete this Scope | 8          | Water Location (ho                    | ose bib preferred)   | Bathroom in Hallway          |     |
| Onsite Room Name:  | Gym   |   |            | Electric Panel Tie-                   | in Location (Majors) | Open Seam                    |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor |   |            | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | Shower/Clean Room            |     |
| High Traffic Area?   | Yes   |   |            | Potential For Dama                    | age - Air?           | Yes                          |     |
| High Activity Area?  | Yes   |   |            | Potential For Dama                    | age - Vibration?     | Yes                          |     |
| High Access Area?  | Yes   |   |            | Potential For Dama                    | age - Water?         | No                           |     |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 175 LF                    | 8 LF                      | 8 LF | No | Encapsulation | Throughout Gym               | No                                      | N/A  | N/A                                     | No  | N/A                                      | 2          |

Comments: 18 seam openings/cracks throughout gym.



Carnell, Laura H Gym PHOTOS



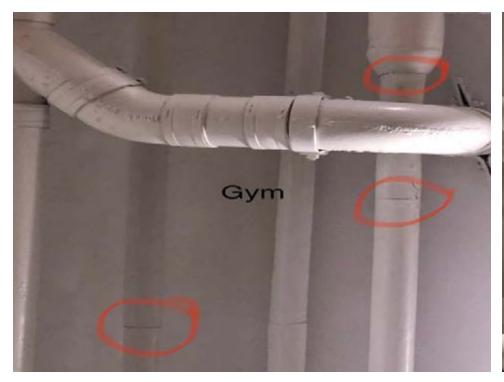


Open Seam Open Seam



Carnell, Laura H Gym

**PHOTOS** 





Open Seam Open Seam



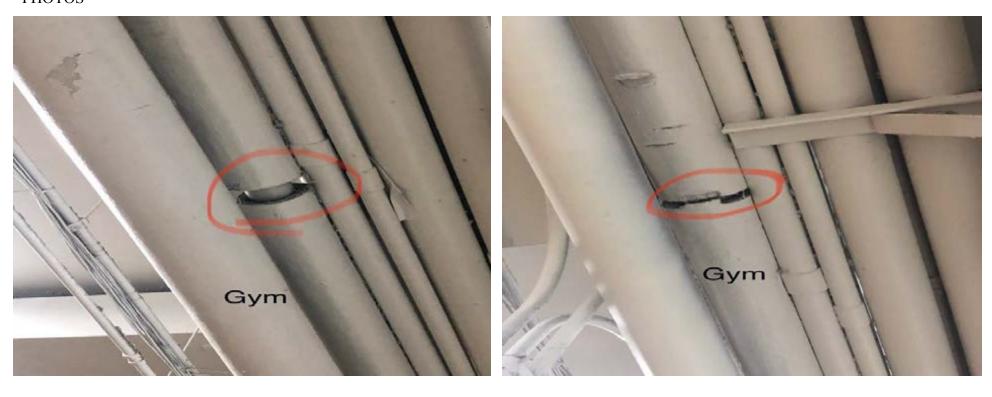
Carnell, Laura H Gym





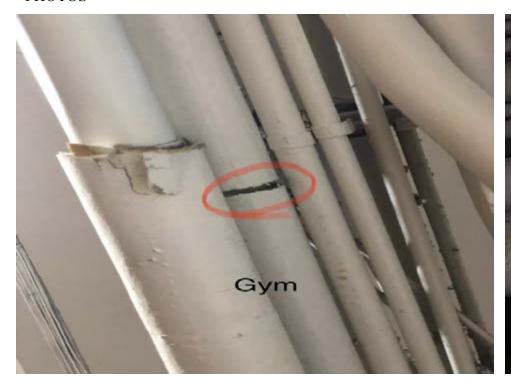


Carnell, Laura H Gym PHOTOS





Carnell, Laura H Gym PHOTOS







|  | Scope of Work    |                        |                   |                       |                                       |                     |                          |                  |            |  |  |  |  |
|--|------------------|------------------------|-------------------|-----------------------|---------------------------------------|---------------------|--------------------------|------------------|------------|--|--|--|--|
| Work Location #:   | 11               |                        |                   |                       | Use of Room:                          | N/A                 | Student/<br>Occup        | Teacher<br>pied? | No         |  |  |  |  |
| Space ID:  | 14               | to Complete this Scope |                   |                       | Water Location (ho                    | se bib preferred)   | Boiler Room              | l                |            |  |  |  |  |
| Onsite Room Name:  | Boiler Roon      | n                      |                   |                       | Electric Panel Tie-i                  | n Location (Majors) | N/A                      |                  |            |  |  |  |  |
| Project Type: Incidental, Smal<br>Minor, Major, Nonfriable | ' Minor          |                        |                   |                       | Shower/Clean Room 3 Stage Decon Local | ,                   | Shower/Clean Room        |                  |            |  |  |  |  |
| High Traffic Area?   | No               |                        |                   |                       | Potential For Dama                    | ge - Air?           | Yes                      |                  |            |  |  |  |  |
| High Activity Area?  | No               |                        |                   |                       | Potential For Dama                    | ge - Vibration?     | Yes                      |                  |            |  |  |  |  |
| High Access Area?  | No               |                        |                   |                       | Potential For Dama                    | ge - Water?         | No                       |                  |            |  |  |  |  |
|  |                  |                        |                   |                       |                                       |                     |                          |                  |            |  |  |  |  |
| Material Total Damage                                      | Removal/ Imminen |                        | Specific Location | Alternative<br>Method | Plywood Isolation Rarriers Required?  | Moveable Objects?   | Is There Ashestos Debris | Glove Bag Tent   | # of AFD's |  |  |  |  |

| Material        | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    |               | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------|---------------------------|---------------------------|-------|----|---------------|------------------------------|---|--|---|---|--|------------|
| Duct Insulation | 600 SF                    | 15 SF                     | 15 SF | No | Encapsulation | Duct by entry                | No                                      | N/A  | N/A                                     | No  | Full<br>Containment                      | 1          |

Comments: Tears in Seam and Insulation is sagging



Carnell, Laura H

Boiler Room

#### **PHOTOS**





Tears in Seam and Insulation is sagging

Tears in Seam and Insulation is sagging



Carnell, Laura H PHOTOS Boiler Room



Tears in Seam and Insulation is sagging



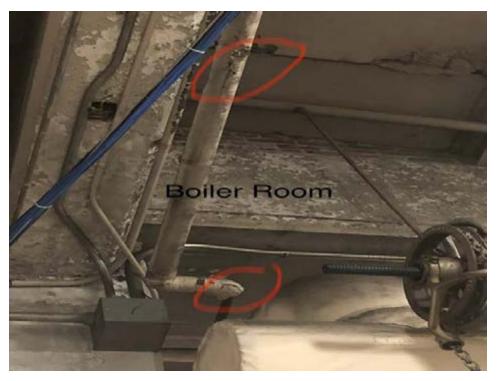
|                               |                  |        |               |                     |                                |                                 | Scope of Wo    | ork                                     |                      |                             |                           |            |
|-------------------------------|------------------|--------|---------------|---------------------|--------------------------------|---------------------------------|----------------|---|----------------------|-----------------------------|---------------------------|------------|
| Work Location                 | on #:            |        | 12            |                     |                                |                                 |                | Use of Room:                            | N/A                  | Student/Teacher Occupied?   |                           | No         |
| Space ID:                     |                  |        | 14            |                     | Estimated # of to Complete     |                                 | 2              | Water Location (ho                      | se bib preferred)    | Boiler Room                 |                           |            |
| Onsite Room                   | Name:            |        | Boil          | ler Room            |                                |                                 |                | Electric Panel Tie-i                    | n Location (Majors)  | N/A                         |                           |            |
| Project Type:<br>Minor, Major |                  | -      | ll, Inci      | dental              |                                |                                 |                | Shower/Clean Room 3 Stage Decon Loca    | N/A                  |                             |                           |            |
| High Traffic                  | Area?            |        | No            |                     |                                |                                 |                | Potential For Dama                      | Yes                  |                             |                           |            |
| High Activity                 | Area?            |        | No            |                     |                                |                                 |                | Potential For Dama                      | ge - Vibration?      | Yes                         |                           |            |
| High Access                   | Area?            |        | No            |                     |                                |                                 |                | Potential For Dama                      | ge - Water?          | No                          |                           |            |
|                               |                  |        | · ·           |                     |                                |                                 |                |   |                      |                             |                           |            |
| Material                      | Present Amount I |        | Encap         | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location               | Method         | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |
|                               | LF/SF            | LF/SF  | Amount  LF/SF | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define | List locations                          | Provide Summary List | on Movable<br>Objects?      | Containment               |            |
| Pipe Fitting<br>Insulation    | 50 Each          | 2 Each | 2 Each        | No                  | Encapsulation                  | See pictures                    | No             | N/A                                     | N/A                  | No                          | N/A                       | 0          |
|                               |                  |        |               |                     |                                |                                 |                |   |                      |                             |                           |            |



Carnell, Laura H

Boiler Room

#### **PHOTOS**





Cracked Fitting Cracked Fitting



|   |                           |   |                               |   |                                | Scope | of Wo            | ork   |   |   |  |            |
|---|---------------------------|---|-------------------------------|---|--------------------------------|-------|------------------|---|---|---|--|------------|
| Work Location #:                                |                           | 13  |                               |   |                                |       |                  | Use of Room:  | N/A                                     | Student/Teacher Occupied?                             |  | No         |
| Space ID:                                       |                           | Estimated # of Man-hours to Complete this Scope 8 |                               |   |                                |       |                  | Water Location (ho  | ose bib preferred)                      | Boiler Room   |  |            |
| Onsite Room Name: Boiler Room                   |                           |   |                               |   |                                |       |                  | Electric Panel Tie-                                       | in Location (Majors)                    | ) N/A   |  |            |
| Project Type: Incident<br>Minor, Major, Nonfria | -                         | l, Min  | or                            |   |                                |       |                  | Shower/Clean Roo<br>3 Stage Decon Loc                     | ,                                       | Shower/clean room                                     |  |            |
| High Traffic Area?                              |                           | No  |                               |   |                                |       |                  | Potential For Dama  | ige - Air?                              | Yes   |  |            |
| High Activity Area?                             |                           | No  |                               |   |                                |       |                  | Potential For Dama  | ige - Vibration?                        | Yes   |  |            |
| High Access Area?                               |                           | No  | No                            |   |                                |       |                  | Potential For Dama  | No                                      |   |  |            |
|   |                           |   |                               |   |                                |       |                  |   |   |   |  |            |
| Material Total Present  LF/SF                   | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount                       | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#<br>window# | , Ме  | rnative<br>ethod | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |

No

N/A

N/A

No

Glove Bag

Comments: Not all damage needs to be abated. The picture of hanging pipe insulation needs to be abated. Rest can be encapsulated if appropriate.

See pictures

Pipe Insulation 2-6 inch

225 LF

4 LF

4 LF

No

Removal



Carnell, Laura H

Boiler Room

#### **PHOTOS**





Encapsulate Encapsulate



Carnell, Laura H

Boiler Room

#### PHOTOS



Abate



| Work Location  |  |                           |                             |                               |   |                                 | Scope of Wo  | ork  |   |   |  |          |
|----------------|--|---------------------------|-----------------------------|-------------------------------|---|---------------------------------|--------------|--|---|---|--|----------|
|                |  | 14                        |                             |                               |   |                                 | Use of Room: | N/A  | Student/<br>Occup                       | Teacher pied?   | Yes                                      |          |
| Space ID:      |  |                           | H02                         |                               | Estimated # of to Complete 1                        |                                 | 1            | Water Location (ho                                   | se bib preferred)                       | Bathroom in Hallway                                   |  |          |
| Onsite Room    | nsite Room Name:  Basement Element 1 Hallway between Classroom 00 and Beginning of Element 2 Hallway |                           |                             |                               |   |                                 | assroom 003  | Electric Panel Tie-i                                 | n Location (Majors)                     | N/A   |  |          |
|                | oject Type: Incidental, Small, inor, Major, Nonfriable Incidental                                    |                           |                             |                               |   |                                 |              | Shower/Clean Room 3 Stage Decon Local                | ,                                       | N/A   |  |          |
| High Traffic A | Area?  |                           | Yes                         |                               |   |                                 |              | Potential For Dama                                   | ge - Air?                               | Yes   |  |          |
| High Activity  | Area?  |                           | Yes                         |                               |   |                                 |              | Potential For Dama                                   | ge - Vibration?                         | No  |  |          |
| High Access A  | Area?  |                           | No                          |                               |   |                                 |              | Potential For Dama                                   | ge - Water?                             | No  |  |          |
|                |  |                           |                             |                               |   |                                 |              |  |   |   |  |          |
| Material       | Total<br>Present<br>LF/SF  | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Method       | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD |

No

N/A

N/A

No

0

N/A

Comments: Two Cracked Fittings

56 Each

2 Each

2 Each

No

Encapsulation

See pictures

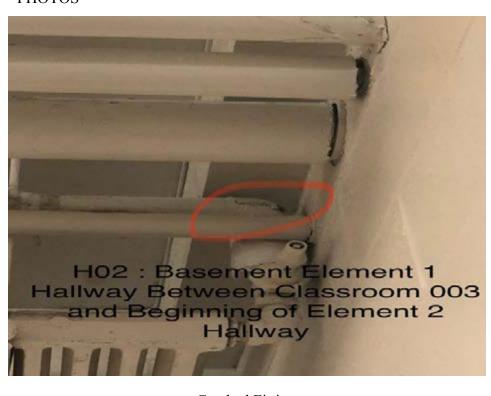
Pipe Fitting

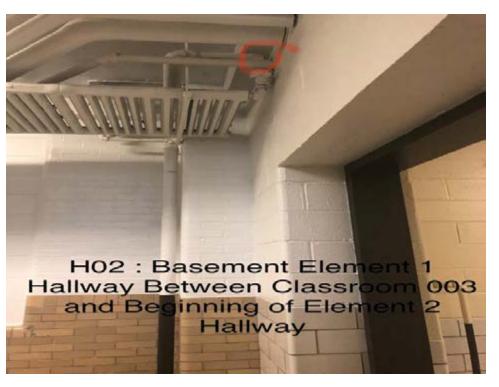
Insulation



Carnell, Laura H
PHOTOS

Basement Element 1 Hallway between Classroom 003 and Beginning of Element 2 Hallway





Cracked Fitting Perspective Picture



Carnell, Laura H PHOTOS Basement Element 1 Hallway between Classroom 003 and Beginning of Element 2 Hallway



**Cracked Fitting** 



| Scope of Work                                  |                  |        |                  |                               |                            |                       |   |                     |                             |                           |            |  |
|--|------------------|--------|------------------|-------------------------------|----------------------------|-----------------------|---|---------------------|-----------------------------|---------------------------|------------|--|
| Work Location #:                               |                  | 15     |                  |                               |                            |                       | Use of Room:                            | N/A                 | Student/<br>Occup           | Teacher pied?             | Yes        |  |
| Space ID:                                      |                  | H02    |                  | Estimated # of to Complete    | of Man-hours this Scope    | 3                     | Water Location (ho                      | Bathroom in Hallway |                             |                           |            |  |
| Onsite Room Name:                              |                  |        |                  | ement 1 Hallv<br>of element 2 | vay Between Cla<br>hallway | assroom 003           | Electric Panel Tie-i                    | N/A                 |                             |                           |            |  |
| Project Type: Incident<br>Minor, Major, Nonfri |                  | l, Min | or               |                               |                            |                       | Shower/Clean Roor 3 Stage Decon Loca    | ,                   | Shower/Clean Room           |                           |            |  |
| High Traffic Area?                             |                  | Yes    |                  |                               |                            |                       | Potential For Dama                      | ge - Air?           | Yes                         |                           |            |  |
| High Activity Area?                            |                  | Yes    |                  |                               |                            |                       | Potential For Dama                      | ge - Vibration?     | No                          |                           |            |  |
| High Access Area?                              | No               |        |                  |                               |                            | Potential For Dama    | No                                      |                     |                             |                           |            |  |
|  |                  |        |                  |                               |                            |                       |   |                     |                             |                           |            |  |
| Material Total Present                         | Damage<br>Amount |        | Imminent Hazard? | Abatement<br>Type             | Specific Location          | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?   | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |  |

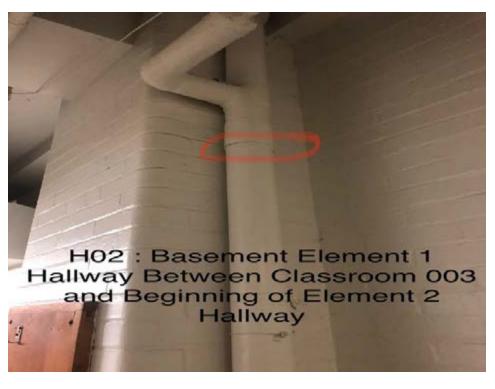
| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 350 LF                    | 3 LF                      | 3 LF | No | Encapsulation                                       | See pictures                    | No                                      | N/A  | N/A                                     | No  | N/A                                      | 1          |

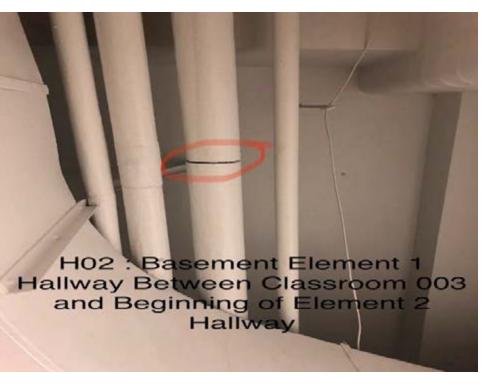
Comments: 7 Open Seams in pipe insulation throughout hallway



Carnell, Laura H
PHOTOS

Basement Element 1 Hallway Between Classroom 003 and beginning of element 2 hallway





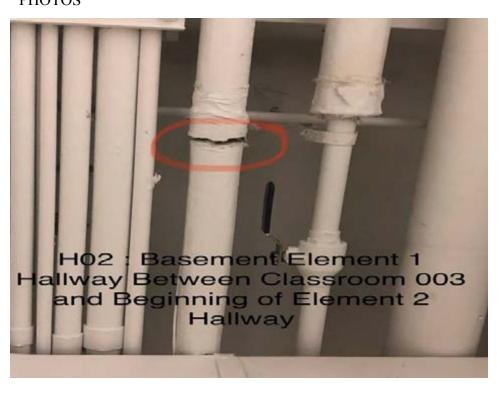
Open Seam in Pipe Insulation

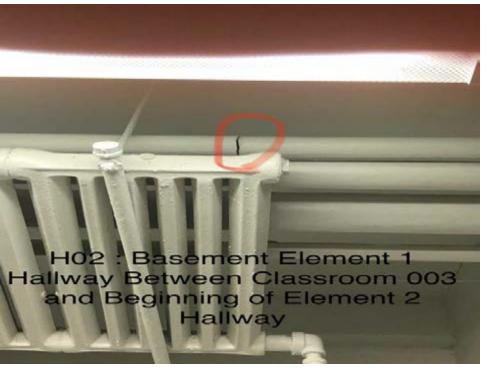
Open Seam in Pipe Insulation



Carnell, Laura H
PHOTOS

Basement Element 1 Hallway Between Classroom 003 and beginning of element 2 hallway





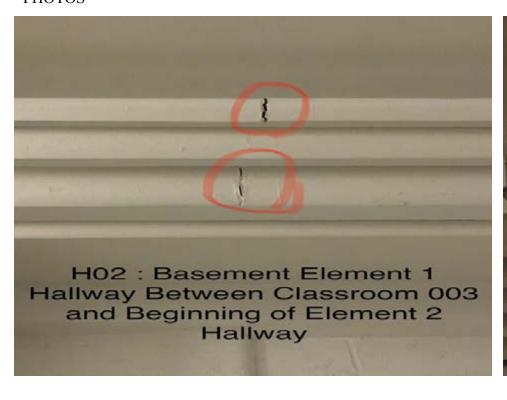
Open Seam in Pipe Insulation

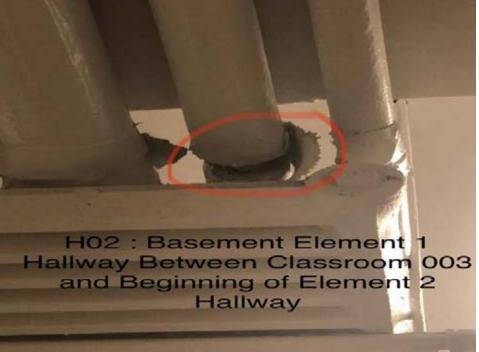
Open Seam in Pipe Insulation



Carnell, Laura H
PHOTOS

Basement Element 1 Hallway Between Classroom 003 and beginning of element 2 hallway







|   | P                                      | Project Overview   |                              |
|---|--|--|------------------------------|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 2                            |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 209, Classroom 208 |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 22 LF, 0 SF                  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 2                            |
| Date Inspected:   | 12/19/2019 - 12/23/2019                |  |                              |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance   |



|  |                           |                           |                             |  |   |                                | Scope of Wo | ork   |   |   |  |            |
|--|---------------------------|---------------------------|-----------------------------|--|---|--------------------------------|-------------|---|---|---|--|------------|
| Work Locatio   | n #:                      |                           | 1                           |  |   |                                |             | Use of Room:  | N/A                                     | Student/<br>Occup                                     | Teacher pied?                            | Yes        |
| Space ID:  |                           |                           | 209                         |  | Estimated # of to Complete                          | of Man-hours<br>this Scope     | 8           | Water Location (ho  | se bib preferred)                       | Bathroom in Hallway                                   |  |            |
| Onsite Room  | Name:                     |                           | Clas                        | sroom 20   | )9  |                                |             | Electric Panel Tie-i                                      | n Location (Majors)                     | N/A   |  |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable Minor |                           |                           |                             |  |   |                                |             | Shower/Clean Roor<br>3 Stage Decon Loca                   | Shower/clean room                       |   |  |            |
| High Traffic A   | High Traffic Area? Yes    |                           |                             |  |   |                                |             | Potential For Dama  | ge - Air?                               | Yes   |  |            |
| High Activity  | Area?                     |                           | Yes                         |  |   |                                |             | Potential For Dama  | ge - Vibration?                         | No  |  |            |
| High Access A  | Area?                     |                           | No                          |  |   |                                |             | Potential For Damage - Water? No                          |   |   |  |            |
|  |                           |                           |                             |  |   |                                |             |   |   |   |  |            |
| Material   | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no                          | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#   | Method      | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
| Pipe Insulation<br>2-6 inch  | 4 LF                      | 1 LF                      | 4 LF                        | Yes.<br>Notified:<br>Monique<br>On date:<br>12/21/2019 | Removal   | Middle riser along window wall | P No        | N/A   | Tables and computers                    | Yes   | Glove Bag                                | 1          |



Carnell, Laura H

Classroom 209

#### **PHOTOS**





Perspective Picture

Large puncture exposing insulation



Notified:

Monique

On date:

12/21/2019

Removal

### Asbestos Design Data Collection (DDC) 10242019

|                                 | Scope of Work   |                  |                             |                     |                                      |                              |   |  |   |   |  |            |  |  |
|---------------------------------|---|------------------|-----------------------------|---------------------|--------------------------------------|------------------------------|---|--|---|---|--|------------|--|--|
| Work Locatio                    | n #:  |                  | 2                           |                     |                                      |                              |   | Use of Room:   | N/A                                     | Student/Teacher Occupied?                             |  | Yes        |  |  |
| Space ID:                       |   |                  | 208                         |                     | Estimated # of to Complete 1         | of Man-hours<br>this Scope   | 8                                       | Water Location (hos                                  | se bib preferred)                       | Bathroom in Hallway                                   |  |            |  |  |
| Onsite Room Name: Classroom 208 |   |                  |                             |                     |                                      |                              |   | Electric Panel Tie-ir                                | n Location (Majors)                     | N/A   |  |            |  |  |
|                                 | Project Type: Incidental, Small,<br>Minor, Major, Nonfriable  Minor |                  |                             |                     |                                      |                              | Shower/Clean Room<br>3 Stage Decon Loca | ,  | Shower/Clean Room                       |   |  |            |  |  |
| High Traffic                    | Area?   |                  | Yes                         |                     |                                      |                              |   | Potential For Damag                                  | Yes                                     |   |  |            |  |  |
| High Activity                   | Area?   |                  | Yes                         |                     |                                      |                              |   | Potential For Damag                                  | No                                      |   |  |            |  |  |
| High Access A                   | Area?   |                  | Yes                         |                     |                                      |                              |   | Potential For Damag                                  | No                                      |   |  |            |  |  |
|                                 |   |                  |                             |                     |                                      |                              |   |  |   |   |  |            |  |  |
| Material                        | Total<br>Present  | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type<br>Remove, Repair, | i.e. riser #, wall#, window# | Method                                  | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |  |  |
|                                 |   |                  | LF/SF                       | ,                   | Encapsulate                          |                              |   |  |   |   |  |            |  |  |
|                                 |   |                  |                             | Yes.                |                                      |                              |   |  |   |   |  |            |  |  |

Comments: One riser is damaged with punctures and holes up and down the pipe. The damaged riser needs to be abated. SDP protocols require nearby risers to be included in any abatement of riser. Therefore all three risers should be abated under same minor project.

No

N/A

Metal cabinet, book shelf,

pillows and carpet

Full

Containment

Yes

2

All three risers along

right side of window

wall

Pipe Insulation

2-6 inch

18 LF

3 LF

18 LF



Carnell, Laura H

Classroom 208





Perspective Picture

Picture of punctures and holes



| Project Overview  |  |  |                                     |  |  |  |  |  |  |  |
|---|--|--|-------------------------------------|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 2                                   |  |  |  |  |  |  |  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Classroom 301, Classroom 301 Closet |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 15 LF, 0 SF                         |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 1                                   |  |  |  |  |  |  |  |
| Date Inspected:   | 2019-12-19 - 2019-12-21                |  |                                     |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 2019-12-21                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance          |  |  |  |  |  |  |  |



| Scope of Work  |             |   |   |                                       |                      |                             |     |  |  |  |  |
|--|-------------|---|---|---------------------------------------|----------------------|-----------------------------|-----|--|--|--|--|
| Work Location #:   | 1           |   |   | Use of Room:                          | Use of Room: N/A     |                             | Yes |  |  |  |  |
| Space ID:  | 301         | Estimated # of Man-hours to Complete this Scope | 4 | Water Location (ho                    | ose bib preferred)   | Custodial Closet in Hallway |     |  |  |  |  |
| Onsite Room Name:  | Classroom 3 | 301   |   | Electric Panel Tie-                   | in Location (Majors) | N/A                         |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small       |   |   | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                         |     |  |  |  |  |
| High Traffic Area?   | Yes         |   |   | Potential For Dama                    | age - Air?           | Yes                         |     |  |  |  |  |
| High Activity Area?  | Yes         |   |   | Potential For Dama                    | age - Vibration?     | Yes                         |     |  |  |  |  |
| High Access Area?  | Yes         |   |   | Potential For Dama                    | age - Water?         | No                          |     |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |  | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|--|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 24 LF                     | 3 LF                      | 3 LF | Yes.<br>Notified:<br>Monique<br>On date:<br>2019-12-21 | Encapsulation                                       | Both risers on Wall<br>#3    | No                                      | N/A  | Book shelves and desks                  | No  | N/A                                      | 1          |

Comments: There are two exposed sections on the riser on right that have created a significant amount of debris buildup on around the pipe and on the floor. Riser on left has exposed section but no debris visible.

Additional Comments: Classroom 301 has a DDC for these damages written by Lawerence Jackson of USA Environmental on 12/18/19. I am issuing this DDC to upgrade the status to an imminent hazard because I observed debris on the floor.



Carnell, Laura H

Classroom 301

#### **PHOTOS**





Perspective Picture

**Exposed Section** 



Carnell, Laura H

Classroom 301





**Exposed Section** 

Debris around pipe and on the floor



Carnell, Laura H PHOTOS Classroom 301





|                               |                           |                  |                             |                               |   |                              | Scope of Wo | ork   |   |   |  |            |
|-------------------------------|---------------------------|------------------|-----------------------------|-------------------------------|---|------------------------------|-------------|---|---|---|--|------------|
| Work Location                 | n #:                      |                  | 2                           |                               |   |                              |             | Use of Room:  | N/A                                     | Student<br>Occu                                       | Teacher pied?                            | Yes        |
| Space ID:                     |                           |                  | 301                         | В                             | Estimated # of to Complete                          |                              | 2           | Water Location (ho  | se bib preferred)                       | Custodial Closet in Hallway                           |  |            |
| Onsite Room                   | Name:                     |                  | Clas                        | ssroom 30                     | 01 Closet   | n Location (Majors)          | N/A         |   |   |   |  |            |
| Project Type:<br>Minor, Major |                           | -                | ll, Min                     | or                            |   |                              |             | Shower/Clean Room<br>3 Stage Decon Loca                   | ` /                                     | Shower/Clean Room                                     |  |            |
| High Traffic                  | Area?                     |                  | No                          |                               |   |                              |             | Potential For Dama  | ge - Air?                               | Yes   |  |            |
| High Activity                 | Area?                     |                  | No                          |                               |   |                              |             | Potential For Dama  | ge - Vibration?                         | Yes   |  |            |
| High Access                   | Area?                     |                  | No                          |                               |   |                              |             | Potential For Dama  | No                                      |   |  |            |
|                               |                           |                  | •                           |                               |   |                              |             |   |   |   |  |            |
| Material                      | Total<br>Present<br>LF/SF | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Method      | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
| Pipe Insulation               | 12 LF                     | 2 LF             | 12 LF                       | Yes.<br>Notified:             | Removal   | Riser in Closet by           | , No        | N/A   | Classroom supplies                      | No  | Full<br>Containment                      | 1          |

Comments: Exposed asbestos mag insulation from several spots on pipe insulation. Recommend and written for full abatement as the pipe is right next to shelf and has high potential of being significantly damaged again.

Shelf

Containment

On date:

2019-12-21

2-6 inch



Carnell, Laura H

Classroom 301 Closet

#### **PHOTOS**





Perspective Picture

**Exposed Section** 



Carnell, Laura H PHOTOS Classroom 301 Closet



**Exposed Section** 



| Project Overview  |                                |  |   |  |  |  |  |  |  |  |
|---|--------------------------------|--|---|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H               | Total Number of Work Areas:  | 2   |  |  |  |  |  |  |  |
| ULCS:   | 7220                           | Work Area Locations (list areas):  | Art Room, Art Room, Art Room Closet, Art<br>Room Closet |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave             | Total for Abatement (LF, SF):  | 5 LF, 0 SF  |  |  |  |  |  |  |  |
| Inspector Name/Company:   | / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 1.5   |  |  |  |  |  |  |  |
| Date Inspected:   | 12/19/2019 - 12/21/2019        |  |   |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                     | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance                              |  |  |  |  |  |  |  |



| Scope of Work  |          |   |   |                                       |                       |                           |     |  |  |  |  |
|--|----------|---|---|---------------------------------------|-----------------------|---------------------------|-----|--|--|--|--|
| Work Location #:   | 1        |   |   | Use of Room:                          | N/A                   | Student/Teacher Occupied? | Yes |  |  |  |  |
| Space ID:  | 3        | Estimated # of Man-hours to Complete this Scope | 2 | Water Location (h                     | ose bib preferred)    | Sinks in Art Room         |     |  |  |  |  |
| Onsite Room Name:  | Art Room |   |   | Electric Panel Tie-                   | -in Location (Majors) | N/A                       |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small    |   |   | Shower/Clean Roo<br>3 Stage Decon Loo | ,                     | N/A                       |     |  |  |  |  |
| High Traffic Area?   | Yes      |   |   | Potential For Dam                     | age - Air?            | Yes                       |     |  |  |  |  |
| High Activity Area?  | Yes      |   |   | Potential For Dam                     | age - Vibration?      | No                        |     |  |  |  |  |
| High Access Area?  | No       |   |   | Potential For Dam                     | age - Water?          | No                        |     |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |  | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|--|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 70 LF                     | 2 LF                      | 2 LF | Yes.<br>Notified:<br>Monique<br>On date:<br>12/21/2019 | Encapsulation                                       | Middle riser on wall<br>#3   | No                                      | N/A  | No                                      | No  | N/A                                      | 1          |

Comments: Imminent hazard is exposed asbestos mag insulation. Other damages in art room are not imminent hazard but should be addressed with this project



Carnell, Laura H

Art Room





Perspective Picture

The Imminent hazard. Exposed asbestos mag insulation.



Carnell, Laura H

Art Room





Exposed asbestos mag insulation

Open seam



|   |                                       |                  |                   |                     |                                | ;                               | Scope of Wo                     | ork                                     |                      |                             |                           |            |
|---|---------------------------------------|------------------|-------------------|---------------------|--------------------------------|---------------------------------|---------------------------------|---|----------------------|-----------------------------|---------------------------|------------|
| Work Locatio  | n #:                                  |                  | 2                 |                     |                                |                                 |                                 | Use of Room:                            | N/A                  | Student<br>Occu             | Teacher<br>pied?          | Yes        |
| Space ID:   |                                       |                  | 13                |                     | Estimated # of to Complete     |                                 | 4                               | Water Location (hos                     | se bib preferred)    | Sinks in Art Room           |                           |            |
| Onsite Room   | Name:                                 |                  | Art               | Room                |                                |                                 |                                 | Electric Panel Tie-ii                   | n Location (Majors)  | N/A                         |                           |            |
| Project Type:<br>Minor, Major,  |                                       |                  | ll, Sma           | ıll                 |                                |                                 | n (Minors) or<br>ation (Majors) | N/A                                     | N/A                  |                             |                           |            |
| High Traffic A  | Area? Yes Potential For Damage - Air? |                  |                   |                     |                                |                                 |                                 |   |                      | Yes                         |                           |            |
| High Activity Area? Yes Potential For Damage - Vibration?                                     |                                       |                  |                   |                     |                                |                                 |                                 |   | ge - Vibration?      | No                          |                           |            |
| High Access Area? No Potential For Damage - Water?  |                                       |                  |                   |                     |                                |                                 |                                 | ge - Water?                             | No                   |                             |                           |            |
|   |                                       |                  |                   |                     |                                |                                 |                                 |   |                      |                             |                           |            |
| Material  | Total<br>Present                      | Damage<br>Amount | Removal/<br>Encap | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location               | Alternative<br>Method           | Plywood Isolation<br>Barriers Required? | Moveable Objects?    | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |
|   | LF/SF                                 | LF/SF            | Amount<br>LF/SF   | yes/no              | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define                  | List locations                          | Provide Summary List | on Movable<br>Objects?      | Containment               |            |
| Pipe Fitting Insulation 18 Each 2 Each 2 Each No Encapsulation Riser by teacher's desk No N/A |                                       |                  |                   |                     |                                |                                 | N/A                             | Desk                                    | No                   | N/A                         | 0                         |            |
|   |                                       |                  |                   |                     |                                |                                 |                                 |   |                      |                             |                           |            |



Carnell, Laura H

Art Room

#### **PHOTOS**





Damaged Fittings

Perspective Picture



|                                |                  |        |                             |                              |                                |                            | Scope of Wo         | ork                                     |   |   |  |            |
|--------------------------------|------------------|--------|-----------------------------|------------------------------|--------------------------------|----------------------------|---------------------|---|---|---|--|------------|
| Work Locatio                   | n #:             |        | 3                           |                              |                                |                            |                     | Use of Room:                            | N/A                                     | Student,<br>Occu                          | Teacher pied?                            | Yes        |
| Space ID:                      |                  |        | 003.                        | A                            | Estimated # of to Complete     | of Man-hours<br>this Scope | 4                   | Water Location (ho                      | Sinks in Art                            | Sinks in Art Room                         |  |            |
| Onsite Room                    | Name:            |        | Art                         | Room Cl                      | oset                           |                            | n Location (Majors) | N/A                                     |   |   |  |            |
| Project Type:<br>Minor, Major, |                  |        | ll, Sma                     | ıll                          |                                |                            |                     | Shower/Clean Roor<br>3 Stage Decon Loca | ` /                                     | N/A                                       |  |            |
| High Traffic A                 | Area?            |        | No                          |                              |                                |                            |                     | Potential For Dama                      | ge - Air?                               | Yes                                       |  |            |
| High Activity                  | Area?            |        | No                          |                              |                                |                            |                     | Potential For Dama                      | ge - Vibration?                         | No  |  |            |
| High Access A                  | Area?            |        | No                          |                              |                                |                            |                     | Potential For Dama                      | ge - Water?                             | No  |  |            |
|                                |                  |        |                             |                              |                                |                            |                     |   |   |   |  |            |
| Material                       | Total<br>Present | Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?          | Abatement<br>Type              | i.e. riser #, wall#        | Method              | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                                | LF/SF            | LF/SF  | LF/SF                       | yes/no                       | Remove, Repair,<br>Encapsulate | window#                    | if yes, define      | List locations                          |   | Objects?                                  |  |            |
| Pipe Fitting Insulation        | 6 Each           | 1 Each | 1 Each                      | Yes.<br>Notified:<br>Monique | Removal                        | Wall #2                    | No                  | N/A                                     | Art supplies                            | Yes                                       | Glove Bag                                | 1          |

Comments: Imminent hazard is one significantly damaged fitting that has created debris on art supplies under. Open seams on pipe insulation should also be addressed

Insulation

On date: 12/21/2019



Carnell, Laura H

Art Room Closet





Perspective Picture

Significantly damaged fitting



Carnell, Laura H PHOTOS Art Room Closet



Debris



|   | Scope of Work                    |                         |                            |                       |   |                     |                             |                           |            |  |  |  |
|---|----------------------------------|-------------------------|----------------------------|-----------------------|---|---------------------|-----------------------------|---------------------------|------------|--|--|--|
| Work Location #:  | 4                                | 4                       |                            |                       |   | N/A                 | Student/Teacher Occupied?   |                           |            |  |  |  |
| Space ID:   | 003A                             | Estimated # to Complete | of Man-hours<br>this Scope | 1                     | Water Location (hos                     | se bib preferred)   | Sinks in Art room           |                           |            |  |  |  |
| Onsite Room Name:   | Art Room (                       | Closet                  |                            |                       | Electric Panel Tie-in                   | n Location (Majors) | N/A                         |                           |            |  |  |  |
| Project Type: Incidental, Sma<br>Minor, Major, Nonfriable | II, Incidental                   |                         |                            |                       | Shower/Clean Room 3 Stage Decon Loca    | ` ′                 | N/A                         |                           |            |  |  |  |
| High Traffic Area?  | No                               |                         |                            |                       | Potential For Damag                     | ` ' '               | No                          |                           |            |  |  |  |
| High Activity Area?                                       | No                               |                         |                            |                       | Potential For Damas                     | ge - Vibration?     | No                          |                           |            |  |  |  |
| High Access Area?   | No                               |                         |                            |                       | Potential For Damage - Water? No        |                     |                             |                           |            |  |  |  |
|   |                                  |                         |                            |                       |   |                     |                             |                           |            |  |  |  |
| Material Total Damage<br>Present Amount                   | Removal/ Imminer<br>Encap Hazard |                         | Specific Location          | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?   | Is There<br>Asbestos Debris | Glove Bag Tent<br>or Full | # of AFD's |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 27 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | Wall #3                      | No                                      | N/A  | Art Supplies                            | No  | N/A                                      | 0          |

Comments: Two open seams that should be addressed with project addressing imminent hazard in same Art Room Closet



Carnell, Laura H PHOTOS Art Room Closet



Two open seams



| Project Overview  |  |  |                              |  |  |  |  |  |  |  |
|---|--|--|------------------------------|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 1                            |  |  |  |  |  |  |  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Gym Teacher's/Coach's Office |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 4 LF, 0 SF                   |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 0.5                          |  |  |  |  |  |  |  |
| Date Inspected:   | 12/19/2019 - 12/21/2019                |  |                              |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/21/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance   |  |  |  |  |  |  |  |



| Scope of Work  |           |   |   |                                       |                      |                              |     |  |  |  |
|--|-----------|---|---|---------------------------------------|----------------------|------------------------------|-----|--|--|--|
| Work Location #:   | 1         |   |   | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |  |  |  |
| Space ID:  | 18        | Estimated # of Man-hours to Complete this Scope | 4 | Water Location (ho                    | ose bib preferred)   | In bathroom in Gym           |     |  |  |  |
| Onsite Room Name:  | Gym Teach | er's/Coach's Office                             |   | Electric Panel Tie-                   | in Location (Majors) | N/A                          |     |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small     |   |   | Shower/Clean Roo<br>3 Stage Decon Loc | ,                    | N/A                          |     |  |  |  |
| High Traffic Area?   | Yes       |   |   | Potential For Dama                    | age - Air?           | No                           |     |  |  |  |
| High Activity Area?  | Yes       |   |   | Potential For Dama                    | age - Vibration?     | No                           |     |  |  |  |
| High Access Area?  | Yes       |   |   | Potential For Dama                    | age - Water?         | No                           |     |  |  |  |

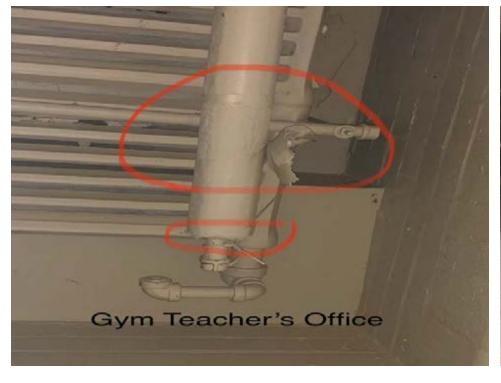
| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |  | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|--|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 58 LF                     | 4 LF                      | 4 LF | Yes.<br>Notified:<br>Monique<br>On date:<br>12/21/2019 | Encapsulation                                       | Along wall #3                   | No                                      | N/A  | Gym equipment                           | No  | N/A                                      | 0          |

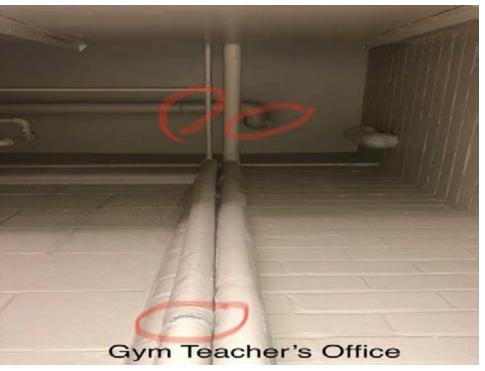
Comments: The imminent hazard is 1 LF of exposed asbestos mag insulation that can potentially create debris. The other damage in the office is not imminent but should be addressed with this project.



Carnell, Laura H

Gym Teacher's/Coach's Office



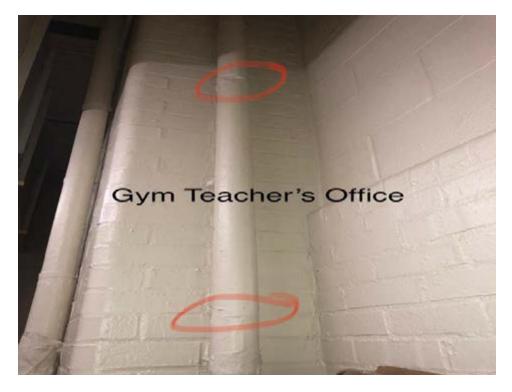


Exposed asbestos mag insulation. This is the imminent hazard

Two open seams and one damaged fitting



Carnell, Laura H PHOTOS Gym Teacher's/Coach's Office



One open seam and one dent



| Project Overview  |  |  |                            |  |  |  |  |  |  |  |
|---|--|--|----------------------------|--|--|--|--|--|--|--|
| Building:   | Carnell, Laura H                       | Total Number of Work Areas:  | 1                          |  |  |  |  |  |  |  |
| ULCS:   | 7220                                   | Work Area Locations (list areas):  | Gym Storage, Gym Storage   |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Ave                     | Total for Abatement (LF, SF):  | 10 LF, 0 SF                |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Isa Haj / Criterion Laboratories, Inc. | Total # of Estimated Man-days:   | 1                          |  |  |  |  |  |  |  |
| Date Inspected:   | 12/23/2019 - 12/23/2019                |  |                            |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/23/2019                             | Project Request: (AHERA, Maintenance Request, Capital Project, or other) | AHERA 6 Month Surveillance |  |  |  |  |  |  |  |



| Scope of Work  |            |   |   |                                       |                      |                              |     |  |  |  |
|--|------------|---|---|---------------------------------------|----------------------|------------------------------|-----|--|--|--|
| Work Location #:   | 1          |   |   | Use of Room:                          | N/A                  | Student/Teacher<br>Occupied? | Yes |  |  |  |
| Space ID:  | NP4        | Estimated # of Man-hours to Complete this Scope | 8 | Water Location (he                    | ose bib preferred)   | Bathroom in Hallway          |     |  |  |  |
| Onsite Room Name:  | Gym Storag | ge  |   | Electric Panel Tie-                   | in Location (Majors) | In Gym                       |     |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor      |   |   | Shower/Clean Roo<br>3 Stage Decon Loo | ,                    | Shower/Clean Room            |     |  |  |  |
| High Traffic Area?   | No         |   |   | Potential For Dama                    | age - Air?           | No                           |     |  |  |  |
| High Activity Area?  | Yes        |   |   | Potential For Dama                    | age - Vibration?     | No                           |     |  |  |  |
| High Access Area?  | No         |   |   | Potential For Dama                    | age - Water?         | Yes                          |     |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no                          |         | i.e. riser #, wall#, window#   | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|------|--|---------|--|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 130 LF                    | 8 LF                      | 8 LF | Yes.<br>Notified:<br>Monique<br>On date:<br>12/23/2019 | Removai | Debris on radiator at<br>ceiling and sitting on<br>pipes in top left<br>corner of room | No                                      | No   | Gym materials                           | No  | Full<br>Containment                      | 1          |

Comments: Remove debris and damage insulation throughout storage room

Additional Comments: Debris laying on radiator



Carnell, Laura H

Gym Storage





Debris laying on radiator

Exposed pipe end



Carnell, Laura H

Gym Storage





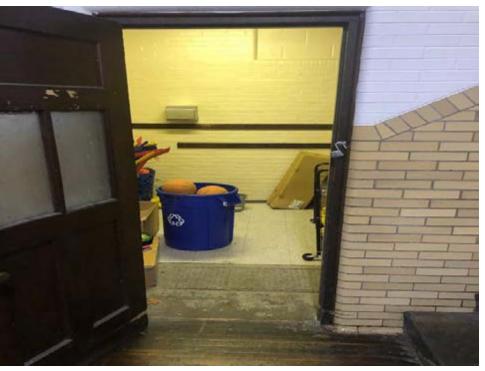
Two open seams in pipe insulation

Open pipe end



Carnell, Laura H Gym Storage







| Scope of Work  |             |   |   |                                       |                     |                           |  |  |  |  |  |
|--|-------------|---|---|---------------------------------------|---------------------|---------------------------|--|--|--|--|--|
| Work Location #:   | 2           |   |   | Use of Room:                          | N/A                 | Student/Teacher Occupied? |  |  |  |  |  |
| Space ID:  | NP4         | Estimated # of Man-hours to Complete this Scope | 0 | Water Location (ho                    | se bib preferred)   | Bathroom in Hallway       |  |  |  |  |  |
| Onsite Room Name:  | Gym Storage | e   |   | Electric Panel Tie-i                  | n Location (Majors) | Gym                       |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor       |   |   | Shower/Clean Room 3 Stage Decon Local | ,                   | Shower/Clean Room         |  |  |  |  |  |
| High Traffic Area?   | No          |   |   | Potential For Dama                    | ge - Air?           | No                        |  |  |  |  |  |
| High Activity Area?  | Yes         |   |   | Potential For Dama                    | ge - Vibration?     | No                        |  |  |  |  |  |
| High Access Area?  | No          |   |   | Potential For Dama                    | ge - Water?         | Yes                       |  |  |  |  |  |

| Material                    | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |        |  | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|-----------------------------|---------------------------|---------------------------|--------|--|---|---------------------------------|---|--|---|---|--|------------|
| Pipe Insulation<br>2-6 inch | 30 Each                   | 3 Each                    | 3 Each | Yes.<br>Notified:<br>Monique<br>On date:<br>12/23/2019 | Removal   | Throughout gym storage          | No                                      | No   | Gym materials                           | No  | Full<br>Containment                      | 1          |

Comments: Remove damaged fittings throughout gym storage



Carnell, Laura H

Gym Storage

#### **PHOTOS**





Damaged fitting

Damaged fittings



|   | Project Overview                                 |  |                              |  |  |  |  |  |  |  |  |
|---|--|--|------------------------------|--|--|--|--|--|--|--|--|
| Building:   | Laura H. Carnell                                 | Total Number of Work Areas:  | 39                           |  |  |  |  |  |  |  |  |
| ULCS:   | 7220   | Work Area Locations (list areas):  | Various Locations Throughout |  |  |  |  |  |  |  |  |
| Address:  | 1100 Devereaux Avenue, Philadelphia, PA          | Total for Abatement (LF, SF):  | Various Different Amounts    |  |  |  |  |  |  |  |  |
| Inspector Name/Company:   | Lauren Pickett and Isa Haj /Criterion Labs, Inc. | Total # of Estimated Man-days:   | 3+ Weeks                     |  |  |  |  |  |  |  |  |
| Date Inspected:   | 12/19/19-12/23/19                                |  |                              |  |  |  |  |  |  |  |  |
| Date Issued: (must be within 24 hours of inspection or immediately upon discovery for Imminent Hazards) | 12/26/10   | Project Request:<br>(AHERA, Maintenance Request,<br>Capital Project, or other) | 6 Month AHERA Surveillance   |  |  |  |  |  |  |  |  |



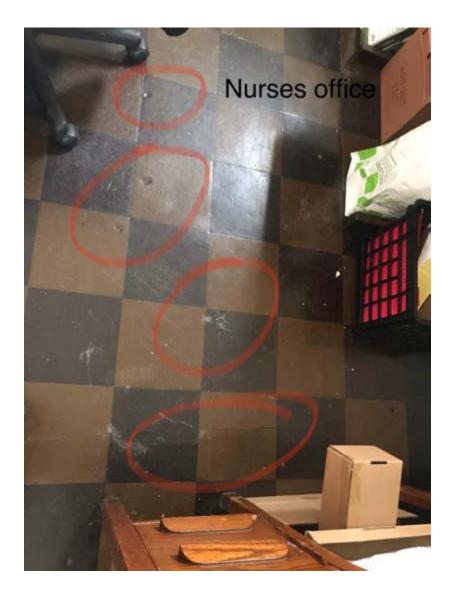
|   |                         |           |                             |                     |                                | S                                      | cope of Wo            | ork                                     |   |   |  |            |
|---|-------------------------|-----------|-----------------------------|---------------------|--------------------------------|--|-----------------------|---|---|---|--|------------|
| Work Locatio  | n #:                    |           | 1                           |                     |                                |  |                       | Use of Room:                            | Nurse's Office                          | Student/Teacher<br>Occupied?              |  | Yes        |
| Space ID:   |                         |           | 214                         |                     | Estimated # of to Complete     | of Man-hours this Scope                | 3                     | Water Location (hos                     | Restroom in Nurses Office               |   |  |            |
| Onsite Room   | Name:                   |           | Nur                         | se's Offic          | ee                             |  |                       | Electric Panel Tie-ii                   | n Location (Majors)                     | In Nurse's O                              | ffice                                    |            |
| Project Type:<br>Minor, Major,                                      |                         |           | l, Sma                      | ıll, Non-f          | riable                         |  |                       | Shower/Clean Room 3 Stage Decon Loca    | ` ,                                     | Remote Show                               | wer/Decon                                |            |
| High Traffic A  | Area?                   |           | Yes                         |                     |                                |  |                       | Potential For Damas                     | ge - Air?                               | No  |  |            |
| High Activity   | High Activity Area? Yes |           |                             |                     |                                |  |                       | Potential For Dama                      | ge - Vibration?                         | Yes                                       |  |            |
| High Access A   | Area?                   |           | Yes                         |                     |                                |  |                       | Potential For Dama                      | ge - Water?                             | Yes                                       |  |            |
|   |                         |           |                             |                     |                                |  |                       |   |   |   |  |            |
| Material  | Total<br>Present        | Amount    | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|   | LF/SF                   | LF/SF     | LF/SF                       | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations                          |   | Objects?                                  |  |            |
| 9x9 Floor Tiles   | 198 SF                  | 20 SF     | 20 SF                       | No                  | Removal                        | Floor tiles in Nurse's<br>Office       | Yes; Dry ice          | No                                      | Desks, chairs                           | No  | None                                     | None       |
| Remove dented and chipped 9x9 floor tiles throughout Nurse's Office |                         |           |                             |                     |                                |  |                       |   |   |   |  |            |
| Pipe Insulation 2-<br>6 inch  | 24 LF                   | 2 LF      | 2 LF                        | No                  | Encapsulation                  | Encapsulate seam opening               | No                    | No                                      | No                                      | No  | None                                     | None       |
| Encapsulate p   | ipe insu                | lation wi | th 5 sea                    | m openin            | gs                             |  | •                     |   |   |   |  |            |



Carnell Elementary School

Nurse's Office

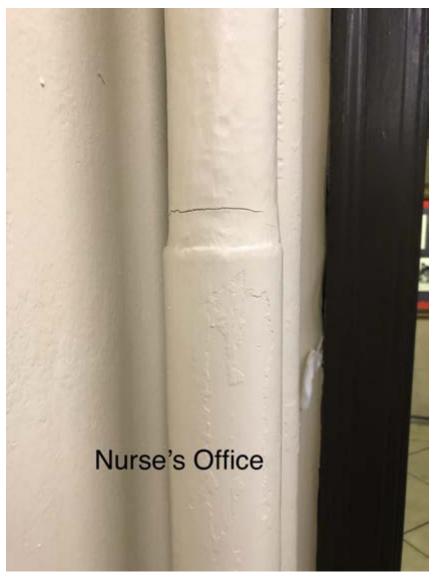






Carnell Elementary School

Nurse's Offices







Carnell Elementary School

Nurse's Offices





|                                |   |            |          |            |                                | So  | cope of Wo     | ork                                  |                       |                        |  |            |
|--------------------------------|---|------------|----------|------------|--------------------------------|---|----------------|--------------------------------------|-----------------------|------------------------|--|------------|
| Work Locatio                   | n #:  |            | 2        |            |                                |   |                | Use of Room:                         | Hallway (circulation) | Student/<br>Occuj      | Teacher pied?                            | Yes        |
| Space ID:                      |   |            | H01      |            | Estimated # of to Complete     | of Man-hours<br>this Scope 8                        |                | Water Location (hos                  | se bib preferred)     | Bathroom in            | Hallway                                  |            |
| Onsite Room                    | Name:   |            | Base     | ement Ha   | llway betwee                   | n Classroom 007                                     | and 005        | Electric Panel Tie-in                | n Location (Majors)   | In Hallway             |  |            |
| Project Type:<br>Minor, Major, |   |            | ll, Sma  | ll, Non-fi | riable/ incide                 | ntal, friable                                       |                | Shower/Clean Room 3 Stage Decon Loca | ,                     | None                   |  |            |
| High Traffic A                 | Area?   |            | Yes      |            |                                |   |                | Potential For Damas                  | ge - Air?             | No                     |  |            |
| High Activity                  | Area?   |            | Yes      |            |                                |   |                | Potential For Damas                  | ge - Vibration?       | Yes                    |  |            |
| High Access A                  | Area?   |            | Yes      |            |                                |   |                | Potential For Damas                  | ge - Water?           | Yes                    |  |            |
|                                |   |            | •        |            |                                |   |                |                                      |                       |                        |  |            |
| Material                       | Present Amount Encap Hazard? Type Method Barriers Required? |            |          |            |                                |   |                |                                      |                       |                        | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                                | LF/SF   | LF/SF      | LF/SF    | yes/no     | Remove, Repair,<br>Encapsulate | window#   | if yes, define | List locations                       | Provide Summary List  | on Movable<br>Objects? | Contamilient                             |            |
| 9x9 Floor Tiles                | 30 SF   | 12 SF      | 12 SF    | No         | Removal                        | Floor tiles in front of<br>Classroom 007 and<br>005 | Yes; Dry ice   | No                                   | No                    | No                     | None                                     | None       |
| Remove chipp                   | ed flooi  | r tiles in | front of | Classrooi  | m 007 and 00                   | 5   |                |                                      |                       |                        |  |            |
| Pipe Insulation 2-6 inch       | 24 LF   | 1 LF       | 1 LF     | No         | Encapsulation                  | Encapsulate seam opening in hallway                 | No             | No                                   | No                    | No                     | None                                     | None       |
| Encapsulate p                  | ipe insu  | lation w   | ith seam | opening    |                                |   |                | 1                                    |                       | ı                      |  |            |



Carnell Elementary School

Basement Hallway between Classroom 007 and Classroom 005





Carnell Elementary School

Basement Hallway between Classroom 007 and Classroom 005





|  |                  |               |                          |                |   | S                                       | cope of Wo            | ork                                     |                      |   |                        |            |
|--|------------------|---------------|--------------------------|----------------|---|---|-----------------------|---|----------------------|---|------------------------|------------|
| Work Locatio   | n #:             |               | 3                        |                |   |   |                       | Use of Room:                            | Custodial Closet     | Student,<br>Occu                          | Teacher pied?          | No         |
| Space ID:  |                  |               | JC0                      |                | to Complete                             | of Man-hours this Scope                 | 3                     | Water Location (ho                      | se bib preferred)    | In Custodial                              | Closet                 |            |
| Onsite Room  | Name:            |               | Cus                      | todial Clo     | oset                                    |   |                       | Electric Panel Tie-in                   | n Location (Majors)  | ) In Hallway                              |                        |            |
| Project Type:<br>Minor, Major,                           |                  |               | l, Min                   | or, non-f      | riable/ Small,                          | friable                                 |                       | Shower/Clean Roor<br>3 Stage Decon Loca | ,                    | Remote Sho                                | wer/Decon              |            |
| High Traffic A   | Area?            |               | ge - Air?                | No             |   |   |                       |   |                      |   |                        |            |
| High Activity Area? No Potential For Damage - Vibration? |                  |               |                          |                |   |   |                       |   |                      |   |                        |            |
| High Access Area? No Potential For Damage - Water? Yes   |                  |               |                          |                |   |   |                       |   |                      |   |                        |            |
|  |                  |               |                          |                |   |   |                       |   |                      |   |                        |            |
| Material   | Total            | Damage        | Removal/                 | Imminent       | Abatement                               | Specific Location                       | Alternative           | Plywood Isolation                       | Moveable Objects?    | Is There                                  | Glove Bag Tent         | # of AFD's |
|  | Present<br>LF/SF | Amount  LF/SF | Encap<br>Amount<br>LF/SF | Hazard? yes/no | <b>Type</b> Remove, Repair, Encapsulate | i.e. riser #, wall#,<br>window#         | Method if yes, define | Barriers Required?  List locations      | Provide Summary List | Asbestos Debris<br>on Movable<br>Objects? | or Full<br>Containment |            |
| 9x9 Floor Tiles  | 40 SF            | 40 SF         | 40 SF                    | No             | Removal                                 | Remove all floor tiles                  | Yes; Dry ice          | No                                      | No                   | No  | None                   | None       |
| Remove all 9x  | x9 floor         | tiles in c    | ustodial                 | closet         |   |   |                       |   |                      |   |                        |            |
| Pipe insulation 2-6 inch                                 | 23 LF            | 3 LF          | 3 LF                     | No             | Encapsulation                           | Pipe insulation at floor and at ceiling | No                    | No                                      | Brooms, ladder       | No  | No                     | None       |
| Encapsulate p  | uncture          | d pipe in     | sulation                 | at floor a     | nd open sean                            | n and open end a                        | t pipe insula         | tion at ceiling                         |                      |   |                        |            |



Carnell Elementary School

Basement New Wing Janitor's Closet







|  |                              |   | Scope of Wo | ork                                     |                     |                              |     |
|--|------------------------------|---|-------------|---|---------------------|------------------------------|-----|
| Work Location #:   | 4                            |   |             | Use of Room:                            | Staircase           | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | S00                          | Estimated # of Man-hours to Complete this Scope | 2           | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway          | •   |
| Onsite Room Name:  | Element 1 S<br>and First Flo | outhwest Staircase Between or                   | Basement    | Electric Panel Tie-i                    | n Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, friab                 | le  |             | Shower/Clean Room<br>3 Stage Decon Loca | ,                   | None                         |     |
| High Traffic Area?   | Yes                          |   |             | Potential For Dama                      | ge - Air?           | No                           |     |
| High Activity Area?  | Yes                          |   |             | Potential For Dama                      | ge - Vibration?     | No                           |     |
| High Access Area?  | Yes                          |   |             | Potential For Dama                      | ge - Water?         | No                           |     |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location  i.e. riser #, wall#,     window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|-------------------------------|---|---|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 32 LF                     | 2 LF                      | 2 LF | No                            | Encapsulation                                       | Pipe riser to right of exit door                    | No                                      | No  | No                                      | No  | None                                     | None       |

Encapsulate 1 open seam and 2 open ends in pipe insulation



Carnell Elementary School

Element 1 Southwest Staircase- Between Basement and 1st Floor







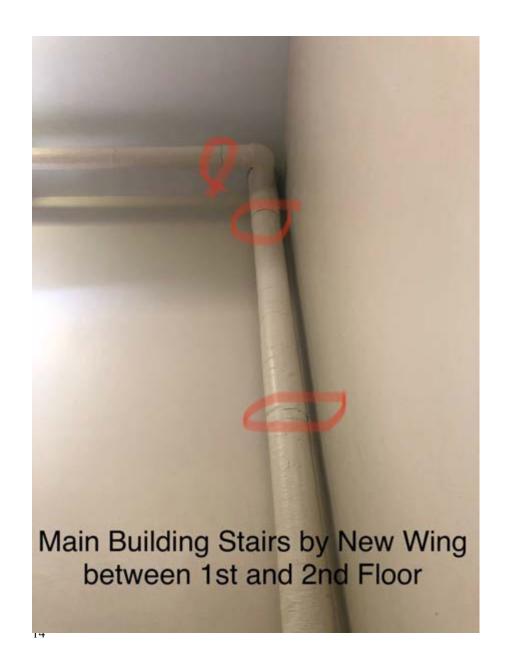
|                                |                           |                           |                             |                               |   | Se   | cope of Wo                              | ork   |   |   |  |            |
|--------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|---|--|---|---|---|---|--|------------|
| Work Locatio                   | n #:                      |                           | 5                           |                               |   |  |   | Use of Room:  | Staircase                               | Student/<br>Occu                                      | Teacher pied?                            | Yes        |
| Space ID:                      |                           |                           | S12                         |                               | Estimated # of to Complete                          | of Man-hours this Scope 2                      |   | Water Location (hos                                       | se bib preferred)                       | Bathroom in   | Hallway                                  |            |
| Onsite Room                    | Name:                     |                           | Stai                        | rs First F                    | loor  |  |   | Electric Panel Tie-in                                     | n Location (Majors)                     | In Hallway  |  |            |
| Project Type:<br>Minor, Major, |                           |                           | II, Inci                    | dental, fr                    | iable   |  |   | Shower/Clean Room 3 Stage Decon Loca                      | ,                                       | None  |  |            |
| High Traffic A                 | Area?                     |                           | Yes                         |                               |   |  |   | Potential For Damas                                       | No                                      |   |  |            |
| High Activity                  | Area?                     |                           | Yes                         |                               |   |  |   | Potential For Damas                                       | ge - Vibration?                         | No  |  |            |
| High Access A                  | Area?                     |                           | Yes                         |                               |   |  |   | Potential For Dama  | ge - Water?                             | No  |  |            |
|                                |                           |                           |                             |                               |   |  |   |   |   |   |  |            |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
| Pipe insulation 2-6 inch       | 25 LF                     | 1 LF                      | 1 LF                        | No                            | Encapsulation                                       | Pipe riser to right of window                  | No                                      | No  | No                                      | No  | None                                     | None       |

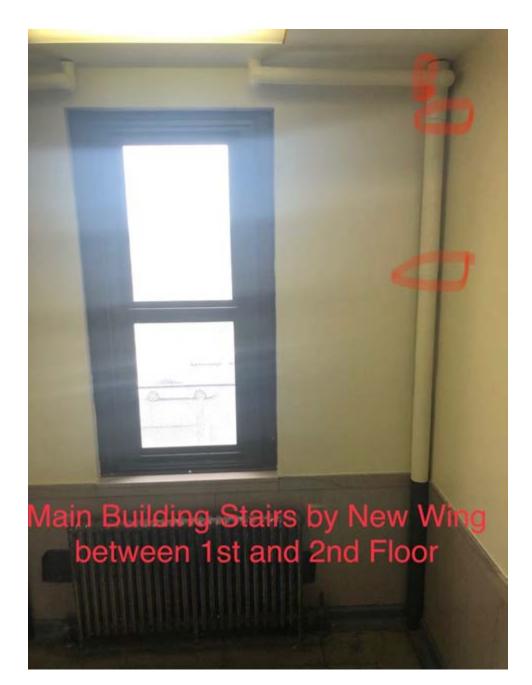
Encapsulate 3 open seams



Carnell Elementary School

Stairs First Floor







| Space ID:    Space ID:   303   Estimated # of Man-hours to Complete this Scope   1   Water Location (hose bib preferred)   Bathroom in Hallway   |                |       |           |            |       |   | Scope of Wo | ork                 |                      |                               |         |            |
|--|----------------|-------|-----------|------------|-------|---|-------------|---------------------|----------------------|-------------------------------|---------|------------|
| Space ID:   303   to Complete this Scope   1   Water Location (hose bib preferred)   Bathroom in Hallway   | Work Locatio   | n #:  | 6         |            |       |   |             | Use of Room:        | Classroom            |                               |         | Yes        |
| Project Type: Incidental, Small, Minor, Major, Nonfriable  High Traffic Area?  High Activity Area?  High Access Area?  Yes  Potential For Damage - Air?  Potential For Damage - Vibration?  High Access Area?  Yes  Potential For Damage - Vibration?  Yes  Potential For Damage - Water?  No  Material  Total Present Amount Encap Amount Present Hazard?  Amount Present Amount Present Hazard?  No  Abatement Type  i.e. riser #, wall#,  Method Barriers Required?  Provide Summary List  No  Moveable Objects?  Abatement Abatement Or Full Containment Containment Containment  | Space ID:      |       | 303       |            |       |   | 1           | Water Location (h   | ose bib preferred)   | Bathroom in                   | Hallway |            |
| Minor, Major, Nonfriable  High Traffic Area?  High Activity Area?  High Access Area?  Material  Total Present Amount  Total Present Amount  Type  Amount  Type  Abatement Type  Incidental, ITlable  3 Stage Decon Location (Majors)  No  Potential For Damage - Air?  Potential For Damage - Vibration?  Potential For Damage - Water?  No  Moveable Objects?  Abatement Type  Is There Asbestos Debris or Full Containment  Provide Summary List  No  Moveable Objects?  Provide Summary List  No  Moveable Objects?  Abatement Plywood Isolation Barriers Required?  Provide Summary List  No  Moveable Objects?  Asbestos Debris on Movable Containment  | Onsite Room    | Name: | Clas      | sroom 30   | 03    |   |             | Electric Panel Tie- | in Location (Majors) | In Hallway                    |         |            |
| High Activity Area?  High Access Area?  Yes  Potential For Damage - Vibration?  Yes  No  Material  Total Present Amount Presen |                |       | ll, Inci  | dental, fr | iable |   |             |                     | ,                    | None                          |         |            |
| High Access Area?  Yes  Potential For Damage - Water?  No  Material Total Present Amount Encap Amount Encap Amount Type  i.e. riser #, wall#,  Potential For Damage - Water?  Plywood Isolation Barriers Required?  Provide Summary List on Movable Containment  | High Traffic A | Area? | Yes       |            |       |   |             | Potential For Dam   | age - Air?           | No                            |         |            |
| Material Total Damage Removal/ Imminent Hazard? Type Sign of Full i.e. riser #, wall#, Specific Location Nethod Present Amount Specific Location Damage Removal/ Barriers Required? Plywood Isolation Barriers Required? Provide Summary List On Movable Containment Specific Location Damage Removal/ Imminent Hazard? Specific Location Damage Removal/ Imminent Hazard? Specific Location Damage Provide Summary List On Movable Containment Damage Provide Summary List Containment Damage Pro | High Activity  | Area? | Yes       |            |       |   |             | Potential For Dam   | age - Vibration?     | Yes                           |         |            |
| Present   Amount   Encap   Hazard?   Type     Method   Barriers Required?   Provide Summary List   Asbestos Debris   On Movable   Containment  | High Access A  | Area? | Yes       |            |       |   |             | Potential For Dam   | age - Water?         | No                            |         |            |
| Present Amount Encap Amount Type i.e. riser #, wall#, Method Barriers Required? Provide Summary List Asbestos Debris on Movable Containment  |                |       |           |            |       |   |             |                     |                      |                               |         |            |
| I F/SF   I F/SF   ves/no   Remove Repair   window#   if ves define   List locations   Objects?   | Material       | _     | <br>Encap | Hazard?    |       | • | Method      |                     |                      | Asbestos Debris<br>on Movable | or Full | # of AFD's |

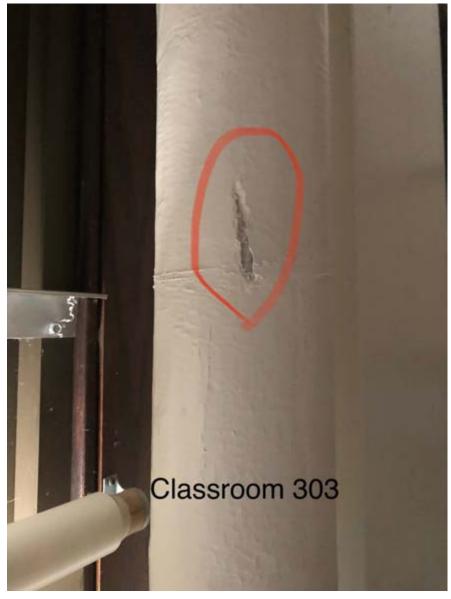
|                          | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window#  | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|----------------------------------|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 24 LF                     | 1 LF                      | 1 LF | No | Encapsulation                                       | To right of air conditioner unit | No                                      | No   | Bookcase                                | No  | None                                     | None       |

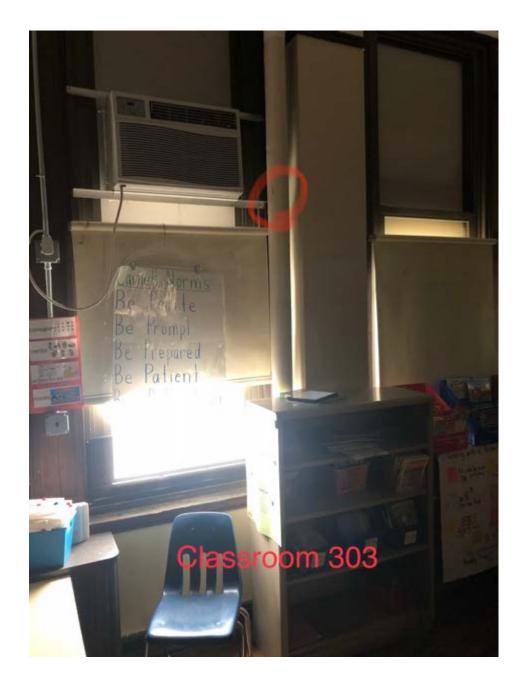
Encapsulate puncture in pipe insulation



Carnell Elementary School

Classroom 303







|  | Sco   | oe of Work   |
|--|---|--|
| Work Location #:   | 7   | Use of Room: Classroom Student/Teacher Occupied? Yes             |
| Space ID:  | Estimated # of Man-hours to Complete this Scope 1 | Water Location (hose bib preferred) Bathroom in Hallway          |
| Onsite Room Name:  | Classroom 304                                     | Electric Panel Tie-in Location (Majors) In Hallway               |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental, friable                               | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |
| High Traffic Area?   | Yes   | Potential For Damage - Air? No                                   |
| High Activity Area?  | Yes   | Potential For Damage - Vibration? Yes                            |
| High Access Area?  | Yes   | Potential For Damage - Water? No                                 |

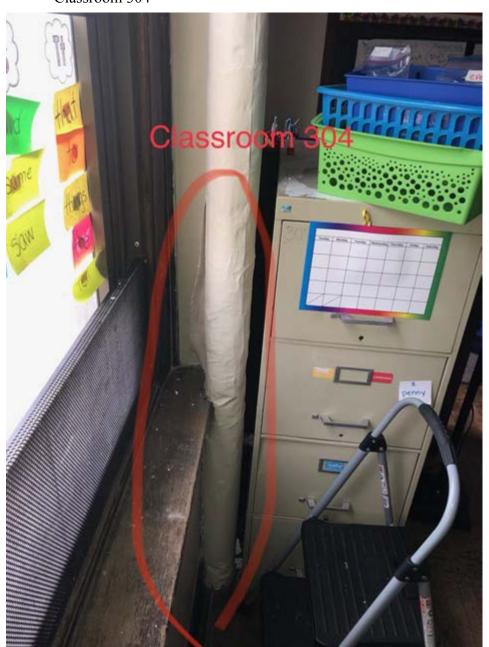
| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window#      | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|-------------------------------|---|--------------------------------------|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 6 LF                      | 1 LF                      | 1 LF | No                            | Encapsulation                                       | Pipe insulation behind metal cabinet | No                                      | No   | Mental cabinet                          | No  | None                                     | None       |

Rewrap pipe insulation, wrap is coming undone



Carnell Elementary School

Classroom 304





|  |             |   | Scope of W | ork                                  |                       |                              |     |
|--|-------------|---|------------|--------------------------------------|-----------------------|------------------------------|-----|
| Work Location #:   | 8           |   |            | Use of Room:                         | Classroom             | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 305         | Estimated # of Man-hours to Complete this Scope | 1          | Water Location (h                    | ose bib preferred)    | Bathroom in Hallway          |     |
| Onsite Room Name:  | Classroom   | 305   |            | Electric Panel Tie                   | -in Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental, | friable   |            | Shower/Clean Roo<br>3 Stage Decon Lo | ` /                   | None                         |     |
| High Traffic Area?   | Yes         |   |            | Potential For Dam                    | nage - Air?           | No                           |     |
| High Activity Area?  | Yes         |   |            | Potential For Dam                    | nage - Vibration?     | Yes                          |     |
| High Access Area?  | Yes         |   |            | Potential For Dam                    | nage - Water?         | No                           |     |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|---------------------------------|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 6 LF                      | 1 LF                      | 1 LF | No | Encapsulation                                       | Behind wooden shelves           | No                                      | No   | Wooden shelf                            | No  | None                                     | None       |

Rewrap pipe insulation, wrap is coming undone



Carnell Elementary School

Classroom 305





|  |               |   | Scope of W | ork                                  |                     |                              |     |
|--|---------------|---|------------|--------------------------------------|---------------------|------------------------------|-----|
| Work Location #:   | 9             |   |            | Use of Room:                         | Classroom           | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 306           | Estimated # of Man-hours to Complete this Scope | 1          | Water Location (ho                   | se bib preferred)   | Bathroom in Hallway          |     |
| Onsite Room Name:  | Classroom 3   | 306   |            | Electric Panel Tie-i                 | n Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental, f | riable  |            | Shower/Clean Room 3 Stage Decon Loca |                     | None                         |     |
| High Traffic Area?   | Yes           |   |            | Potential For Dama                   | ge - Air?           | No                           |     |
| High Activity Area?  | Yes           |   |            | Potential For Dama                   | ge - Vibration?     | Yes                          |     |
| High Access Area?  | Yes           |   |            | Potential For Dama                   | ge - Water?         | No                           |     |

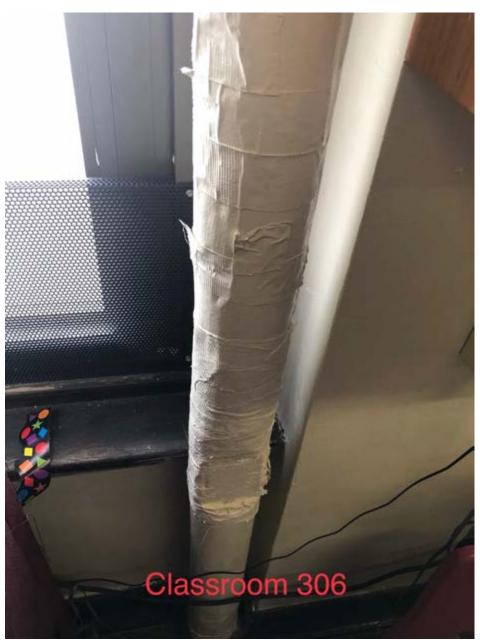
| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|------------------------------|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 6 LF                      | 1 LF                      | 1 LF | No | Encapsulation                                       | Pipe riser near<br>window    | No                                      | No  | None                                    | No  | None                                     | None       |

Not properly encapsulated, it is wrapped with duct tape and need to be properly rewrapped



Carnell Elementary School

Classroom 306





|                                |  |      |          |            |   | Se  | cope of Wo                              | ork   |  |                  |               |      |
|--------------------------------|--|------|----------|------------|---|---|---|---|--|------------------|---------------|------|
| Work Locatio                   | n #:   |      | 10       |            |   |   |   | Use of Room:  | Classroom Closet                         | Student/<br>Occu | Teacher pied? | Yes  |
| Space ID:                      |  |      | 3070     | 2          | Estimated # of to Complete              | of Man-hours<br>this Scope                                |   | Water Location (ho                                    | se bib preferred)                        | Bathroom in      | Hallway       |      |
| Onsite Room                    | Name:  |      | Clas     | ssroom 30  | 07 Closet                               |   |   | Electric Panel Tie-i                                  | n Location (Majors)                      | In Hallway       |               |      |
| Project Type:<br>Minor, Major, |  |      | ll, Inci | dental, fr | iable                                   |   |   | Shower/Clean Roor<br>3 Stage Decon Loca               | ,  | None             |               |      |
| High Traffic Area? Yes         |  |      |          |            |   |   | Potential For Dama                      | No  | )  |                  |               |      |
| High Activity Area? No         |  |      |          |            |   |   | Potential For Dama                      | ge - Vibration?                                       | Yes                                      |                  |               |      |
| High Access A                  | Area?  |      | No       |            |   |   |   | Potential For Dama                                    | ge - Water?                              | No               |               |      |
|                                |  |      | •        |            |   |   |   |   |  |                  |               |      |
| Material                       | Present Amount Encap Hazard? Type i.e. riser #, wall#, |      |          |            | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's       |               |      |
| Pipe insulation 2-6 inch       | 24 LF  | 1 LF | 1 LF     | No         | Encapsulation                           | Pipe riser in classroom closet                            | No                                      | No  | None                                     | No               | None          | None |

Encapsulate small hole in pipe insulation in classroom closet



Carnell Elementary School

Classroom 307 Closet





|  |               |   | Scope of Wo                      | ork                                      |                       |                              |     |  |
|--|---------------|---|----------------------------------|--|-----------------------|------------------------------|-----|--|
| Work Location #:   | 11            |   |                                  | Use of Room:                             | Men's Staff<br>Lounge | Student/Teacher<br>Occupied? | Yes |  |
| Space ID:  | 316A          | Estimated # of Man-hours to Complete this Scope | 1                                | Water Location (ho                       | se bib preferred)     | Men's Restroom               |     |  |
| Onsite Room Name:  | Men's Staff   | Bathroom  |                                  | Electric Panel Tie-i                     | n Location (Majors)   | In Hallway                   |     |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental, f | friable   |                                  | Shower/Clean Room<br>3 Stage Decon Local | ,                     | None                         |     |  |
| High Traffic Area?   | Yes           |   |                                  | Potential For Dama                       | ge - Air?             | No                           |     |  |
| High Activity Area?  | Yes           |   |                                  | Potential For Dama                       | ge - Vibration?       | No                           |     |  |
| High Access Area?  |               |   | Potential For Damage - Water? No |  |                       |                              |     |  |

| Material                     | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|------------------------------|---------------------------|---------------------------|------|-------------------------------|---|---------------------------------|---|--|---|---|--|------------|
| Pipe insulation 2-<br>6 inch | 12 LF                     | 1 LF                      | 1 LF | No                            | Encapsulation                                       | Pipe riser                      | No                                      | No   | None                                    | No  | None                                     | None       |

Pipe is not properly encapsulated. Needs to be properly encapsulated



Carnell Elementary School

Men's Staff Restroom





|  |              |   | Scope of Wo | ork                                      |                     |                              |     |
|--|--------------|---|-------------|--|---------------------|------------------------------|-----|
| Work Location #:   | 12           |   |             | Use of Room:                             | Classroom Closet    | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 308A         | Estimated # of Man-hours to Complete this Scope | 8           | Water Location (ho                       | se bib preferred)   | Bathroom in Hallway          |     |
| Onsite Room Name:  | Classroom 3  | 08 Closet                                       |             | Electric Panel Tie-i                     | n Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor, friab | le  |             | Shower/Clean Room<br>3 Stage Decon Local | ,                   | Shower/Clean Room            |     |
| High Traffic Area?   | Yes          |   |             | Potential For Dama                       | ge - Air?           | No                           |     |
| High Activity Area?  | No           |   |             | Potential For Dama                       | ge - Vibration?     | Yes                          |     |
| High Access Area?  | No           |   |             | Potential For Dama                       | ge - Water?         | No                           |     |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#       | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|-------|----|---|------------------------------------|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 12 LF                     | 2 LF                      | 12 LF | No | Remove  | Pipe riser associated with shelves | No                                      | No  | Teacher Materials                       | No  | Full<br>Containment                      | 1          |

Removal entire pipe insulation because its associated with shelves- exposed sections in several spots



Carnell Elementary School

Classroom 308 Closet

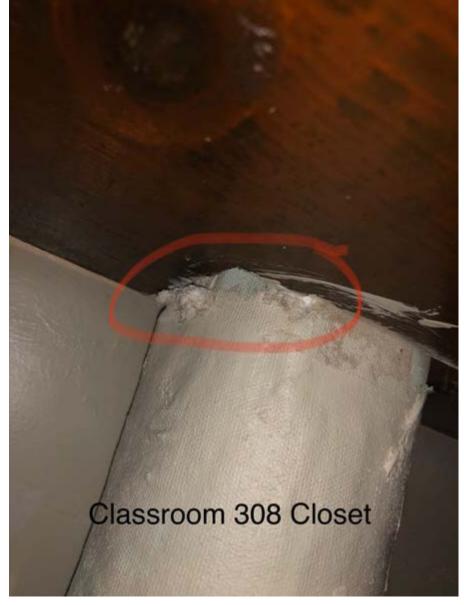


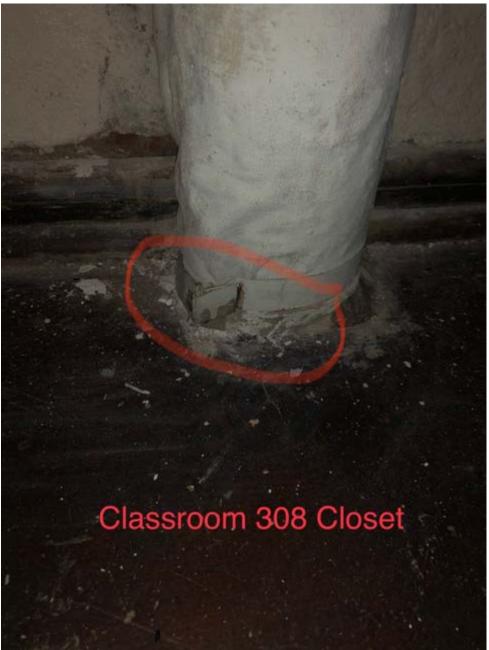




Carnell Elementary School

Classroom 308 Closet







|  |              | Scope   | of Work                              |                       |                              |     |
|--|--------------|---|--------------------------------------|-----------------------|------------------------------|-----|
| Work Location #:   | 13           |   | Use of Room:                         | Classroom             | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | 310          | Estimated # of Man-hours to Complete this Scope | Water Location (h                    | ose bib preferred)    | Bathroom in Hallway          |     |
| Onsite Room Name:  | Classroom 3  | 10  | Electric Panel Tie                   | -in Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, friab | le  | Shower/Clean Roo<br>3 Stage Decon Lo | ` /                   | None                         |     |
| High Traffic Area?   | Yes          |   | Potential For Dam                    | nage - Air?           | No                           |     |
| High Activity Area?  | Yes          |   | Potential For Dam                    | nage - Vibration?     | Yes                          |     |
| High Access Area?  | Yes          |   | Potential For Dam                    | nage - Water?         | No                           |     |

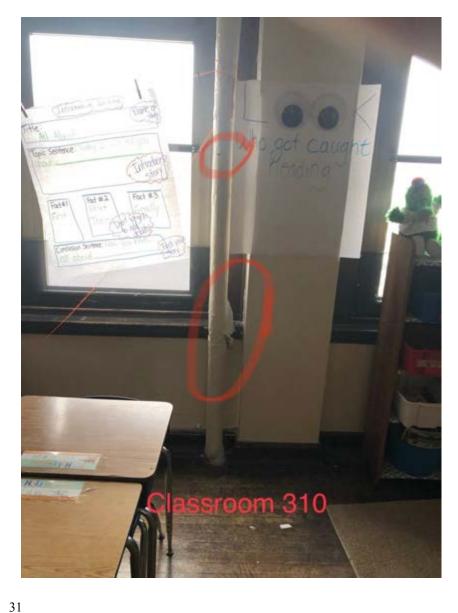
| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|--|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 6 LF                      | 2 LF                      | 2 LF | No | Encapsulate   | Pipe risers<br>throughout classroom            | No                                      | No  | None                                    | No  | None                                     | None       |

Wrap is coming undone and puncture in pipe insulation-encapsulate both pipes



Carnell Elementary School

Classroom 310







Carnell Elementary School

Classroom 310





|  |  | Sco                  | ope of Wo             | ork                                   |   |  |  |            |
|--|--|----------------------|-----------------------|---------------------------------------|---|--|--|------------|
| Work Location #:   | 14   |                      |                       | Use of Room:                          | Hallway<br>(Circulation)                | Student/<br>Occuj                            | Teacher pied?                            | Yes        |
| Space ID:  | H312 Estimated # o to Complete t   |                      |                       | Water Location (ho                    | se bib preferred)                       | Bathroom in                                  | Hallway                                  |            |
| Onsite Room Name:  | Third Floor Hallway in Eler 308 and Classroom 310  | nent 1 Between (     | Classroom             | Electric Panel Tie-i                  | n Location (Majors)                     | In Hallway                                   |  |            |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, friable   |                      |                       | Shower/Clean Room 3 Stage Decon Local | ,                                       | None   |  |            |
| High Traffic Area?   | Yes  |                      |                       | Potential For Dama                    | ge - Air?                               | No   |  |            |
| High Activity Area?  | Yes  |                      |                       | Potential For Dama                    | ge - Vibration?                         | Yes  |  |            |
| High Access Area?  | Yes  |                      |                       | Potential For Dama                    | ge - Water?                             | No   |  |            |
|  |  |                      |                       |                                       |   |  |  |            |
| Present Amount   | emoval/ Imminent Abatement Encap Hazard? Type Imminent Abatement Type Imminent Pemova Panair | i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation Barriers Required?  | Moveable Objects?  Provide Summary List | Is There Asbestos Debris on Movable Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window#   | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|-----------------------------------|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 12 LF                     | 2 LF                      | 2 LF | No | Encapsulate   | Pipe risers across<br>from stairs | No                                      | No   | None                                    | No  | None                                     | None       |

Look behind pipe insulation for damage



Carnell Elementary School

Third Floor Hallway in Element 1 Between Classroom 308 and Classroom 310







Carnell Elementary School

Third Floor Hallway in Element 1 Between Classroom 308 and Classroom 310





|                |   |                       |                             |                     |                            |   | Scope of Wo                           | ork                                     |   |   |  |            |
|----------------|---|-----------------------|-----------------------------|---------------------|----------------------------|---|---------------------------------------|---|---|---|--|------------|
| Work Location  | n #:  |                       | 15                          |                     |                            |   |                                       | Use of Room:                            | Hallway<br>(Circulation)                | Student/<br>Occuj                         | Teacher pied?                            | Yes        |
| Space ID:      |   |                       | Н36                         |                     | Estimated # of to Complete |   | 3                                     | Water Location (he                      | ose bib preferred)                      | Bathroom in                               | Hallway                                  |            |
| Onsite Room N  | Name:   | 312 and Classroom 314 |                             |                     |                            |   | en Classroom                          | Electric Panel Tie-                     | in Location (Majors)                    | In Hallway                                |  |            |
|                | Project Type: Incidental, Small, Minor, Major, Nonfriable  Small, Non-friable |                       |                             |                     |                            |   | Shower/Clean Roo<br>3 Stage Decon Loo | ,                                       | None                                    |   |  |            |
| High Traffic A | rea?  |                       | Yes                         |                     |                            |   |                                       | Potential For Dama                      | age - Air?                              | No  |  |            |
| High Activity  | Area?   |                       | Yes                         |                     |                            |   |                                       | Potential For Dama                      | age - Vibration?                        | Yes                                       |  |            |
| High Access A  | \rea?   |                       | Yes                         |                     |                            |   |                                       | Potential For Dama                      | age - Water?                            | Yes                                       |  |            |
|                |   |                       |                             |                     |                            |   |                                       |   |   |   |  |            |
| Material       | Total<br>Present  | Amount                | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type          | Specific Location<br>i.e. riser #, wall#, | Method                                | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                | LF/SF   | LF/SF                 |                             |                     |                            | if yes, define                            | List locations                        |   | Objects?                                |   |  |            |

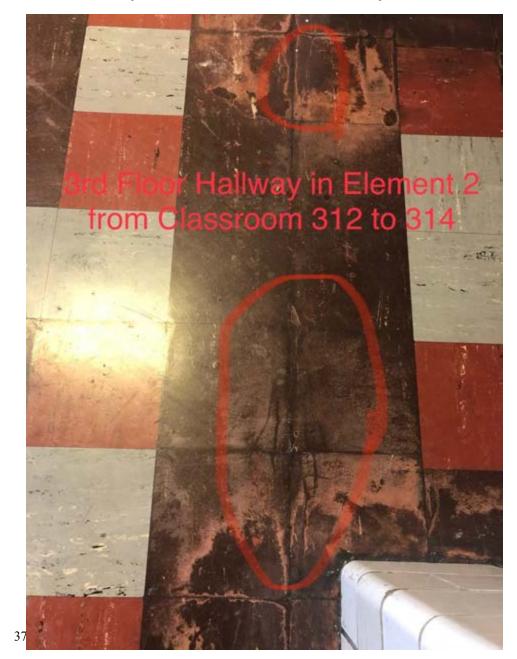
| Materiai       | Present  LF/SF | Amount  LF/SF |      | Hazard?  yes/no |        | i.e. riser #, wall#,<br>window# | Method  if yes, define | Barriers Required?  List locations | Provide Summary List | Asbestos Debris<br>on Movable<br>Objects? | or Full<br>Containment | # 01 AFD'S |
|----------------|----------------|---------------|------|-----------------|--------|---------------------------------|------------------------|------------------------------------|----------------------|---|------------------------|------------|
| 9x9 Floor Tile | 700 SF         | 6 SF          | 6 SF | No              | Remove | Throughout hallway              | Yes; Dry ice           | No                                 | None                 | No  | None                   | None       |

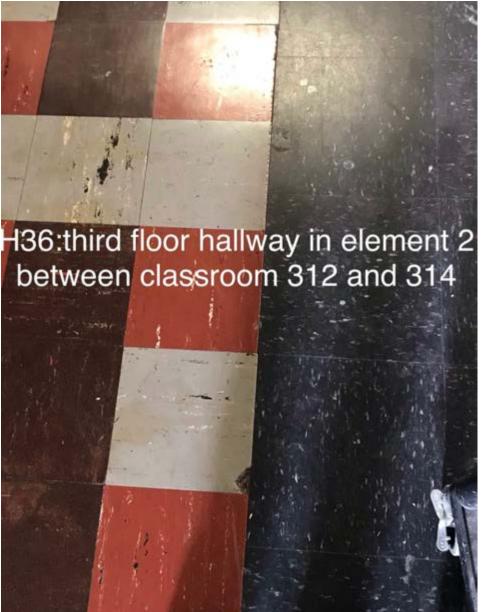
Chipped and cracked 9x9 floor tiles



Carnell Elementary School

Third Floor Hallway in Element 2 Between Classroom 312 and Classroom 314







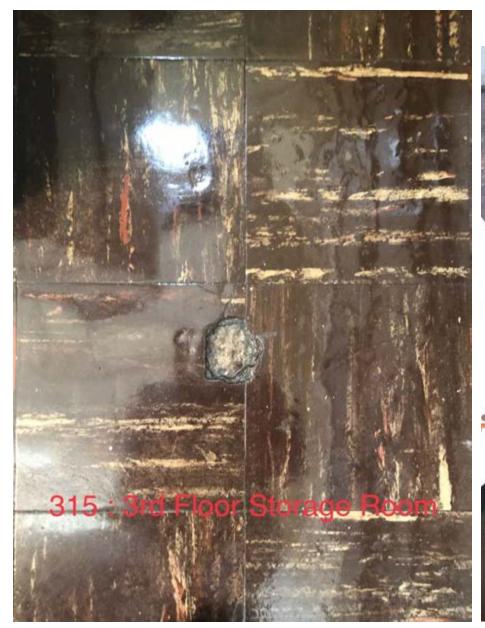
|                                |                           |                           |                             |                               |   |                                | Scope of Wo  | ork  |   |   |  |            |
|--------------------------------|---------------------------|---------------------------|-----------------------------|-------------------------------|---|--------------------------------|--------------|--|---|---|--|------------|
| Work Location #:               |                           |                           | 16                          |                               |   |                                |              | Use of Room:   | Storage Room                            | Student/Teacher<br>Occupied?                          |  | No         |
| Space ID:                      |                           |                           |                             |                               | Estimated # of Man-hours to Complete this Scope 2   |                                |              | Water Location (hose bib preferred)                              |   | Bathroom in Hallway                                   |  |            |
| Onsite Room Name: Storage Room |                           |                           |                             |                               |   |                                |              | Electric Panel Tie-i   | In Hallway                              |   |  |            |
| Project Type:<br>Minor, Major  |                           |                           | l, Incid                    | lental, No                    | on-friable  |                                |              | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   | None  |  |            |
| High Traffic                   | Area?                     |                           | No                          |                               |   |                                |              | Potential For Damage - Air?                                      |   | No  |  |            |
| High Activity                  | Area?                     |                           | No                          |                               |   |                                |              | Potential For Damage - Vibration?                                |   | Yes   |  |            |
| High Access                    | Area?                     |                           | No                          |                               |   |                                |              | Potential For Damage - Water?                                    |   | Yes   |  |            |
|                                |                           |                           |                             |                               |   |                                |              |  |   |   |  |            |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#<br>window# | Method       | Plywood Isolation<br>Barriers Required?<br>List locations        | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
| 9x9 Floor Tile                 | 63 SF                     | 3 SF                      | 3 SF                        | No                            | Remove  | Throughout storag              | Yes; Dry ice | No   | None                                    | No  | None                                     | None       |

Chipped floor tiles throughout storage room



Carnell Elementary School

Storage Room







Carnell Elementary School

Storage Room





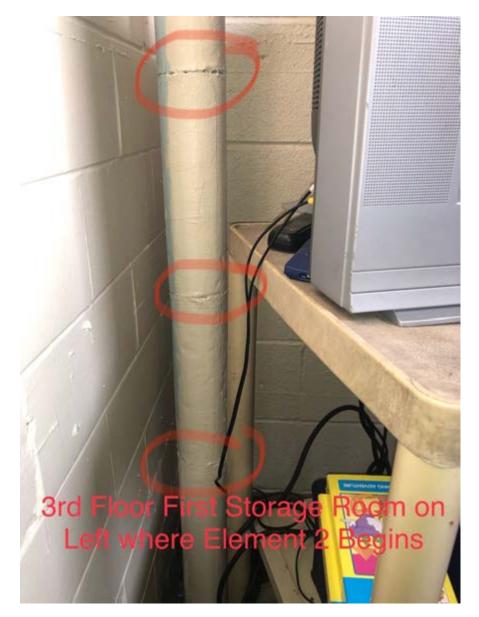
|  |                  |                  |                             |   |                                | S                                      | cope of Wo            | ork  |   |                                     |  |            |  |
|--|------------------|------------------|-----------------------------|---|--------------------------------|--|-----------------------|--|---|-------------------------------------|--|------------|--|
| Work Location #:   |                  |                  |                             | 17  |                                |  |                       | Use of Room:   | Storage Room                            | Student/Teacher<br>Occupied?        |  | No         |  |
| Space ID:  |                  |                  |                             | Estimated # of Man-hours to Complete this Scope 3 |                                |  |                       | Water Location (hose bib preferred)                              |   | Bathroom in Hallway                 |  |            |  |
| Onsite Room  | Name:            |                  | Stora                       | age on Le   | ft where Elen                  | nent 2 begins                          |                       | Electric Panel Tie-in Location (Majors)                          |   | In Hallway                          |  |            |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable |                  |                  |                             | lental, No  | on-friable/ Inc                | idental, friable                       |                       | Shower/Clean Room (Minors) or<br>3 Stage Decon Location (Majors) |   | None                                |  |            |  |
| High Traffic Area?   |                  |                  |                             |   |                                |  |                       | Potential For Damage - Air?                                      |   | No                                  |  |            |  |
| High Activity  | Area?            |                  | No                          |   |                                |  |                       | Potential For Damage - Vibration?                                |   | Yes                                 |  |            |  |
| High Access Area?  |                  |                  |                             |   |                                |  |                       | Potential For Damage - Water?                                    |   | Yes                                 |  |            |  |
|  |                  |                  |                             |   |                                |  |                       |  |   |                                     |  |            |  |
| Material   | Total<br>Present | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard?                               | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required?                          | Moveable Objects?  Provide Summary List | Is There Asbestos Debris on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |  |
|  | LF/SF            | LF/SF            | LF/SF                       | yes/no  | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations   | ,                                       | Objects?                            |  |            |  |
| 9x9 Floor Tile   | 63 SF            | 3 SF             | 3 SF                        | No  | Remove                         | Throughout storage room                | Yes; Dry ice          | No   | None                                    | No                                  | None                                     | None       |  |
| Cracked floor tiles  | throughout       | storage roo      | m                           |   |                                |  |                       |  |   |                                     |  |            |  |
| Pipe insulation 2-6 inch                                     | 15 LF            | 1 LF             | 1 LF                        | No  | Encapsulate                    | Pipe riser                             | No                    | No   | No                                      | No                                  | None                                     | None       |  |
| Encapsulate tl   | nree ope         | n seams          | and one                     | exposed   | end                            |  |                       |  |   |                                     |  |            |  |



Carnell Elementary School

Storage on Left where Element 2 begins







Carnell Elementary School

Storage on Left where Element 2 begins





| Scope of Work  |             |   |   |                                     |                        |                              |     |  |  |  |  |
|--|-------------|---|---|-------------------------------------|------------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 18          |   |   | Use of Room:                        | Men's Restroom         | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | 313B        | Estimated # of Man-hours to Complete this Scope | 2 | Water Location (I                   | hose bib preferred)    | Men's Restroom               |     |  |  |  |  |
| Onsite Room Name:  | Men's Res   | stroom  |   | Electric Panel Tie                  | e-in Location (Majors) | In Hallway                   |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental, | , friable                                       |   | Shower/Clean Ro<br>3 Stage Decon Lo |                        | None                         |     |  |  |  |  |
| High Traffic Area?   | No          |   |   | Potential For Dan                   | nage - Air?            | No                           |     |  |  |  |  |
| High Activity Area?  | Yes         |   |   | Potential For Dan                   | nage - Vibration?      | Yes                          |     |  |  |  |  |
| High Access Area?  | No          |   |   | Potential For Dan                   | nage - Water?          | No                           |     |  |  |  |  |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|-------------------------------|---|--|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 53 LF                     | 2 LF                      | 2 LF | No                            | Encapsulate   | Pipe near floor and pipe along ceiling         | No                                      | No   | None                                    | No  | None                                     | None       |

Encapsulate 1 LF of deteriorated pipe with an exposed end, one open seam, and one hole



Carnell Elementary School

Men's Restroom







| Scope of Work  |                |   |   |   |                     |                              |     |  |  |  |  |
|--|----------------|---|---|---|---------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 18             |   |   | Use of Room:                            | Classroom Closet    | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | 312A           | Estimated # of Man-hours to Complete this Scope | 8 | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |
| Onsite Room Name:  | Classroom 3    | 12 Closet                                       |   | Electric Panel Tie-i                    | n Location (Majors) | In Hallway                   |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, friable | e   |   | Shower/Clean Room<br>3 Stage Decon Loca |                     | None                         |     |  |  |  |  |
| High Traffic Area?   | Yes            |   |   | Potential For Dama                      | ge - Air?           | No                           |     |  |  |  |  |
| High Activity Area?  | Yes            |   |   | Potential For Dama                      | ge - Vibration?     | Yes                          |     |  |  |  |  |
| High Access Area?  | Yes            |   |   | Potential For Dama                      | ge - Water?         | No                           |     |  |  |  |  |
|  |                |   |   |   |                     |                              |     |  |  |  |  |

| Material               | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|------------------------|---------------------------|---------------------------|------|----|---|---------------------------------|---|--|---|---|--|------------|
| Pipe insulation 6 inch | 6 LF                      | 2 LF                      | 6 LF | No | Remove  | Pipe associated with shelves    | No                                      | No   | Teachers Materials                      | No  | Full<br>Containment                      | 1          |

Remove all pipe insulation associated with shelves, 2 exposed ends and 2 exposed sections



Carnell Elementary School

Classroom 312 Closet



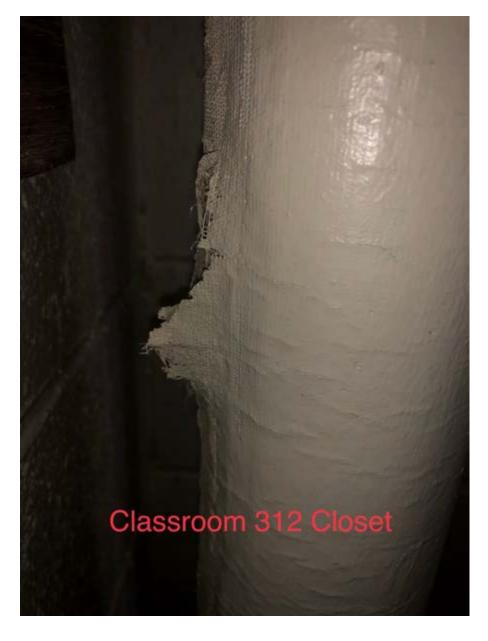




Carnell Elementary School

Classroom 312 Closet







| Scope of Work  |               |   |   |                                     |                     |                              |     |  |  |  |  |
|--|---------------|---|---|-------------------------------------|---------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 19            |   |   | Use of Room:                        | Classroom           | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | 312           | Estimated # of Man-hours to Complete this Scope | 4 | Water Location (ho                  | se bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |
| Onsite Room Name:  | Classroom 3   | 12  |   | Electric Panel Tie-i                | n Location (Majors) | In Hallway                   |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, friabl | e   |   | Shower/Clean Room 3 Stage Decon Loc |                     | None                         |     |  |  |  |  |
| High Traffic Area?   | Yes           |   |   | Potential For Dama                  | ige - Air?          | No                           |     |  |  |  |  |
| High Activity Area?  | Yes           |   |   | Potential For Dama                  | ge - Vibration?     | Yes                          |     |  |  |  |  |
| High Access Area?  | Yes           |   |   | Potential For Dama                  | ige - Water?        | No                           |     |  |  |  |  |

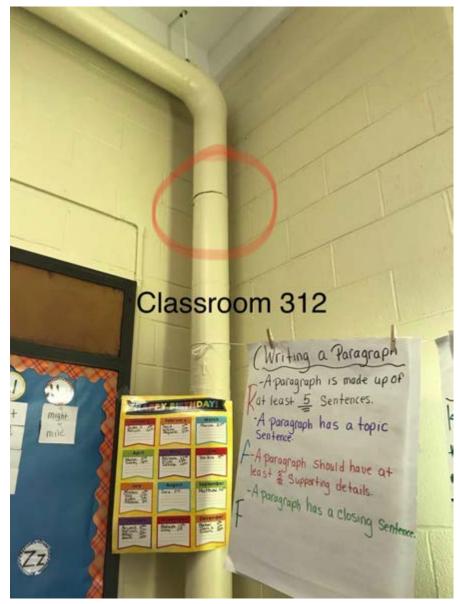
| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|--|---|--|---|---|--|------------|
| Pipe insulation 2-6 inch | 37 LF                     | 2 LF                      | 2 LF | No | Encapsulate   | Pipe along ceiling                             | No                                      | No   | No                                      | No  | No                                       | No         |

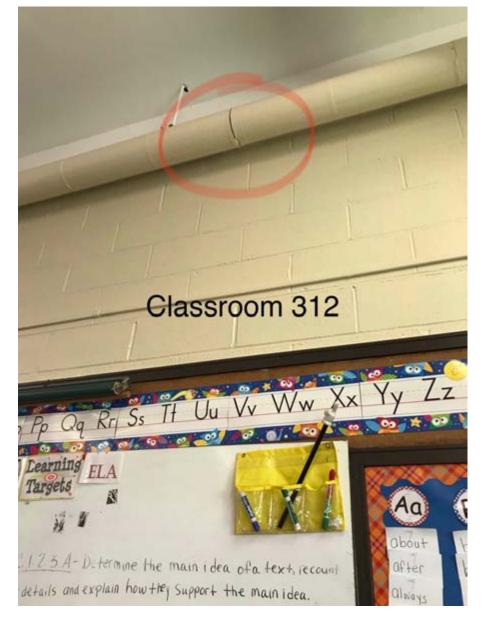
Encapsulate 2 open seams in pipe insulation



Carnell Elementary School

Classroom 312







|                             |                        |           |                 |            |                                | Se                              | cope of Wo     | ork                                  |                      |                        |                |            |
|-----------------------------|------------------------|-----------|-----------------|------------|--------------------------------|---------------------------------|----------------|--------------------------------------|----------------------|------------------------|----------------|------------|
| Work Locatio                | n #:                   |           | 20              |            |                                |                                 |                | Use of Room:                         | Classroom            | Student<br>Occu        | Teacher pied?  | Yes        |
| Space ID:                   |                        |           | 313             |            | Estimated # of to Complete     | of Man-hours<br>this Scope 4    |                | Water Location (hos                  | se bib preferred)    | Bathroom in            |                |            |
| Onsite Room                 | Name:                  |           | Class           | sroom 31   | 3                              |                                 |                | Electric Panel Tie-ii                | n Location (Majors)  | In Hallway             |                |            |
| Project Type: Minor, Major, |                        |           | ll, Smal        | ll, Non-fr | iable/ Inciden                 | tal, Friable                    |                | Shower/Clean Room 3 Stage Decon Loca |                      | None                   |                |            |
| High Traffic A              | gh Traffic Area? Yes   |           |                 |            |                                |                                 |                |                                      | ge - Air?            | No                     |                |            |
| High Activity               | igh Activity Area? Yes |           |                 |            |                                |                                 |                | Potential For Damas                  |                      | Yes                    |                |            |
| High Access A               | Area?                  |           | Yes             |            |                                |                                 |                | Potential For Damag                  | ge - Water?          | Yes                    |                |            |
| Material                    | Total                  | Damage    | Removal/        | Imminent   | Abatement                      | Specific Location               | Alternative    | Plywood Isolation                    | Moveable Objects?    | Is There               | Glove Bag Tent | # of AFD's |
| 1724667141                  | Present                | Amount    | Encap           | Hazard?    | Туре                           | •                               | Method         | Barriers Required?                   |                      | <b>Asbestos Debris</b> | or Full        | " Of THE D |
|                             | LF/SF                  | LF/SF     | Amount<br>LF/SF | yes/no     | Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | if yes, define | List locations                       | Provide Summary List | on Movable<br>Objects? | Containment    |            |
| 9x9 Floor Tile              | 800 SF                 | 10 SF     | 10 SF           | No         | Remove                         | Throughout classroom            | Yes; Dry ice   | No                                   | None                 | No                     | None           | None       |
| Cracked floor tiles         | throughout             | classroom |                 |            |                                |                                 |                |                                      |                      |                        |                |            |
| Pipe insulation 2-6 inch    | 37 LF                  | 1 LF      | 1 LF            | No         | Encapsulate                    | Pipe riser                      | No             | No                                   | No                   | No                     | None           | None       |
| Encapsulate o               | pen seai               | n in pip  | e insulati      | on         | , ,                            |                                 |                |                                      |                      | •                      |                |            |



Carnell Elementary School

Classroom 313







| Scope of Work  |              |   |   |   |                     |                              |     |  |  |  |  |
|--|--------------|---|---|---|---------------------|------------------------------|-----|--|--|--|--|
| Work Location #:   | 21           |   |   | Use of Room:                            | Classroom           | Student/Teacher<br>Occupied? | Yes |  |  |  |  |
| Space ID:  | 314          | Estimated # of Man-hours to Complete this Scope | 2 | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |
| Onsite Room Name:  | Classroom 3  | 14  |   | Electric Panel Tie-i                    | n Location (Majors) | In Hallway                   |     |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, Non-f | riable  |   | Shower/Clean Room<br>3 Stage Decon Loca | ,                   | None                         |     |  |  |  |  |
| High Traffic Area?   | Yes          |   |   | Potential For Dama                      | ge - Air?           | No                           |     |  |  |  |  |
| High Activity Area?  | Yes          |   |   | Potential For Dama                      | ge - Vibration?     | Yes                          |     |  |  |  |  |
| High Access Area?  | Yes          |   |   | Potential For Dama                      | ge - Water?         | Yes                          |     |  |  |  |  |

| Material       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#, window#          | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|----------------|---------------------------|---------------------------|------|-------------------------------|---|---------------------------------------|---|---|---|---|--|------------|
| 9x9 Floor Tile | 800 SF                    | 4 SF                      | 4 SF | No                            | Remove  | Floor tiles near<br>heater by windows | Yes; Dry ice                            | No  | None                                    | No  | None                                     | None       |

Cracked floor tiles near heater



Carnell Elementary School Classroom 314





|  | Scope of Work |   |   |   |                     |                           |     |  |  |  |  |  |
|--|---------------|---|---|---|---------------------|---------------------------|-----|--|--|--|--|--|
| Work Location #:   | 22            |   |   | Use of Room:                            | Classroom Closet    | Student/Teacher Occupied? | Yes |  |  |  |  |  |
| Space ID:  | 314A          | Estimated # of Man-hours to Complete this Scope | 4 | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway       |     |  |  |  |  |  |
| Onsite Room Name:  | Classroom 3   | 14A Closet                                      |   | Electric Panel Tie-in                   | n Location (Majors) | In Hallway                |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Small, Non-f  | riable  |   | Shower/Clean Roor<br>3 Stage Decon Loca |                     | None                      |     |  |  |  |  |  |
| High Traffic Area?   | Yes           |   |   | Potential For Dama                      | ge - Air?           | No                        |     |  |  |  |  |  |
| High Activity Area?  | Yes           |   |   | Potential For Dama                      | ge - Vibration?     | Yes                       |     |  |  |  |  |  |
| High Access Area?  | Yes           |   |   | Potential For Dama                      | ge - Water?         | Yes                       |     |  |  |  |  |  |

| Material       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|----------------|---------------------------|---------------------------|-------|-------------------------------|---|--|---|---|---|---|--|------------|
| 9x9 Floor Tile | 54 SF                     | 20 SF                     | 20 SF | No                            | Remove  | Along CMU wall in closet                       | Yes; Dry ice                            | No  | None                                    | No  | None                                     | None       |

Cracked floor tiles along CMU wall in closet



Carnell Elementary School

Classroom 314 Closet





|  | Scope of Work |   |   |                                       |                     |                              |     |  |  |  |  |  |
|--|---------------|---|---|---------------------------------------|---------------------|------------------------------|-----|--|--|--|--|--|
| Work Location #:   | 23            |   |   | Use of Room:                          | Classroom Closet    | Student/Teacher<br>Occupied? | Yes |  |  |  |  |  |
| Space ID:  | 314B          | Estimated # of Man-hours to Complete this Scope | 8 | Water Location (ho                    | se bib preferred)   | Bathroom in Hallway          |     |  |  |  |  |  |
| Onsite Room Name:  | Classroom 3   | 14 Closet                                       |   | Electric Panel Tie-i                  | n Location (Majors) | In Hallway                   |     |  |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor, friab  | le  |   | Shower/Clean Room 3 Stage Decon Local | ` ,                 | None                         |     |  |  |  |  |  |
| High Traffic Area?   | Yes           |   |   | Potential For Dama                    | ige - Air?          | No                           |     |  |  |  |  |  |
| High Activity Area?  | Yes           |   |   | Potential For Dama                    | ge - Vibration?     | Yes                          |     |  |  |  |  |  |
| High Access Area?  | Yes           |   |   | Potential For Dama                    | ge - Water?         | No                           |     |  |  |  |  |  |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|-------|----|---|--|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 16 LF                     | 1 LF                      | 16 LF | No | Remove  | Pipe associated with shelves                   | No                                      | No  | Teacher's materials                     | No  | Full<br>Containment                      | 1          |

Remove all pipe insulation and pipe fittings because its associated with the shelves



Carnell Elementary School

Classroom 314 Closet







|  |               |   | Scope of Wo | ork                                     |                     |                              |    |
|--|---------------|---|-------------|---|---------------------|------------------------------|----|
| Work Location #:   | 24            |   |             | Use of Room:                            | Hallway Closet      | Student/Teacher<br>Occupied? | No |
| Space ID:  | H314A         | Estimated # of Man-hours to Complete this Scope | 8           | Water Location (ho                      | se bib preferred)   | Bathroom in Hallway          |    |
| Onsite Room Name:  | Hallway Clo   | set adjacent to Classroom 30                    | 1           | Electric Panel Tie-i                    | n Location (Majors) | In Hallway                   |    |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Minor, friabl | e   |             | Shower/Clean Room<br>3 Stage Decon Loca | ,                   | None                         |    |
| High Traffic Area?   | No            |   |             | Potential For Dama                      | ge - Air?           | No                           |    |
| High Activity Area?  | No            |   |             | Potential For Dama                      | ge - Vibration?     | Yes                          |    |
| High Access Area?  | No            |   |             | Potential For Dama                      | ge - Water?         | No                           |    |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |       |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | Specific Location i.e. riser #, wall#, window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|-------|----|---|--|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 15 LF                     | 1 LF                      | 15 LF | No | Remove  | Pipe associated with shelves                   | No                                      | No  | Custodial materials                     | No  | Full<br>Containment                      | 1          |

Remove all pipe insulation and pipe fittings because its associated with the shelves



Carnell Elementary School

Hallway Closet adjacent to Classroom 301







Carnell Elementary School

Hallway Closet adjacent to Classroom 301





|  |              |   | Scope of W | ork                                 |                        |                              |     |
|--|--------------|---|------------|-------------------------------------|------------------------|------------------------------|-----|
| Work Location #:   | 25           |   |            | Use of Room:                        | Stairwell              | Student/Teacher<br>Occupied? | Yes |
| Space ID:  | S02          | Estimated # of Man-hours to Complete this Scope | 1          | Water Location (1                   | nose bib preferred)    | Bathroom in Hallway          |     |
| Onsite Room Name:  | Stairs Basen | nent  |            | Electric Panel Tie                  | e-in Location (Majors) | In Hallway                   |     |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Incidental   |   |            | Shower/Clean Ro<br>3 Stage Decon Lo | ,                      | None                         |     |
| High Traffic Area?   | Yes          |   |            | Potential For Dan                   | nage - Air?            | No                           |     |
| High Activity Area?  | Yes          |   |            | Potential For Dan                   | nage - Vibration?      | Yes                          |     |
| High Access Area?  | Yes          |   |            | Potential For Dan                   | nage - Water?          | No                           |     |

| Material                 | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF |      |    | Abatement<br>Type<br>Remove, Repair,<br>Encapsulate | i.e. riser #, wall#,<br>window# | Alternative<br>Method<br>if yes, define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos Debris<br>on Movable<br>Objects? | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|--------------------------|---------------------------|---------------------------|------|----|---|---------------------------------|---|---|---|---|--|------------|
| Pipe insulation 2-6 inch | 30 LF                     | 1 LF                      | 1 LF | No | Encapsulate   | Pipe to left of<br>window       | No                                      | No  | No                                      | No  | No                                       | No         |

Encapsulate open seam and hole in pipe insulation



Carnell Elementary School

Stairs Basement



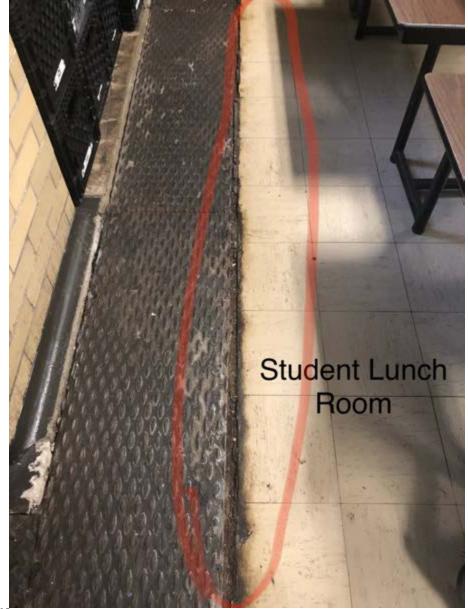


|                             |                  |                  |                             |                     |                                | \$                                     | Scope of Wo           | ork                                     |   |                                     |  |            |
|-----------------------------|------------------|------------------|-----------------------------|---------------------|--------------------------------|--|-----------------------|---|---|-------------------------------------|--|------------|
| Work Locatio                | n #:             |                  | 26                          |                     |                                |  |                       | Use of Room:                            | Lunch Room                              | Student<br>Occu                     | /Teacher<br>pied?                        | Yes        |
| Space ID:                   |                  |                  | 11                          |                     | Estimated # of to Complete     |  | 4                     | Water Location (hos                     | se bib preferred)                       | Bathroom in                         | Hallway                                  |            |
| Onsite Room                 | Name:            |                  | Stud                        | ent Luncl           | n Room                         |  |                       | Electric Panel Tie-in                   | Location (Majors)                       | In Hallway                          |  |            |
| Project Type: Minor, Major, |                  |                  | l, Mino                     | or, Non-fi          | riable/ Incider                | ntal, Friable                          |                       | Shower/Clean Room<br>3 Stage Decon Loca | ,                                       | None                                |  |            |
| High Traffic A              | Area?            |                  | Yes                         |                     |                                |  |                       | Potential For Damag                     | ge - Air?                               | No                                  |  |            |
| High Activity               | Area?            |                  | Yes                         |                     |                                |  |                       | Potential For Damag                     | ge - Vibration?                         | Yes                                 |  |            |
| High Access A               | Area?            |                  | Yes                         |                     |                                |  |                       | Potential For Damag                     | ge - Water?                             | Yes                                 |  |            |
|                             |                  |                  |                             |                     |                                |  |                       |   |   |                                     |  |            |
| Material                    | Total<br>Present | Damage<br>Amount | Removal/<br>Encap<br>Amount | Imminent<br>Hazard? | Abatement<br>Type              | Specific Location i.e. riser #, wall#, | Alternative<br>Method | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary List | Is There Asbestos Debris on Movable | Glove Bag Tent<br>or Full<br>Containment | # of AFD's |
|                             | LF/SF            | LF/SF            | LF/SF                       | yes/no              | Remove, Repair,<br>Encapsulate | window#                                | if yes, define        | List locations                          | 110viue summary 2000                    | Objects?                            | Contaminent                              |            |
| 9x9 Floor Tile              | 1350 SF          | 20 SF            | 20 SF                       | No                  | Remove                         | Throughout lunch room                  | Yes; Dry ice          | No                                      | None                                    | No                                  | None                                     | None       |
| Cracked floor tiles         | throughout       | lunch roon       | 1                           |                     |                                |  |                       |   |   |                                     |  |            |
| Pipe insulation 2-6 inch    | 60 LF            | 1 LF             | 1 LF                        | No                  | Encapsulate                    | Pipe riser                             | No                    | No                                      | No                                      | No                                  | None                                     | None       |
| Encapsulate o               | pen seai         | n in pipe        | e insulat                   | ion                 | '                              |  |                       |   |   | ,                                   | ,  |            |



Carnell Elementary School

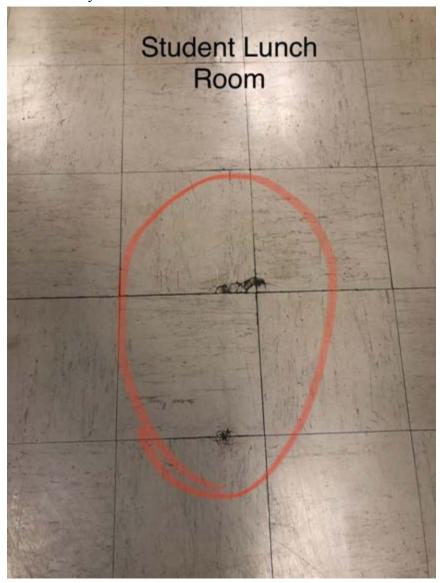
Student Lunch Room







Carnell Elementary School Student Lunch Room

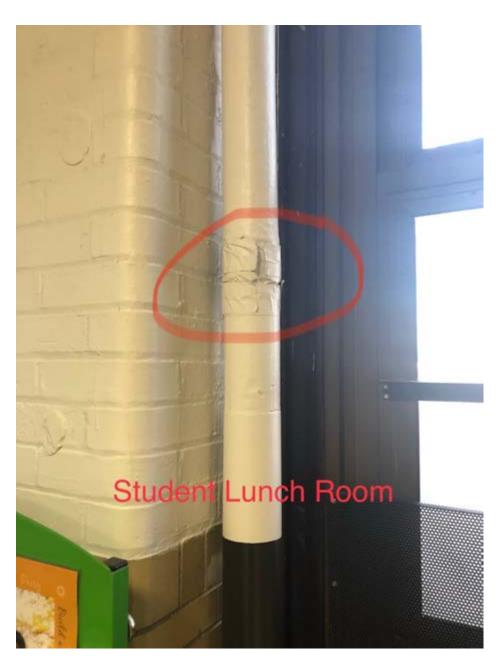






Carnell Elementary School

Student Lunch Room





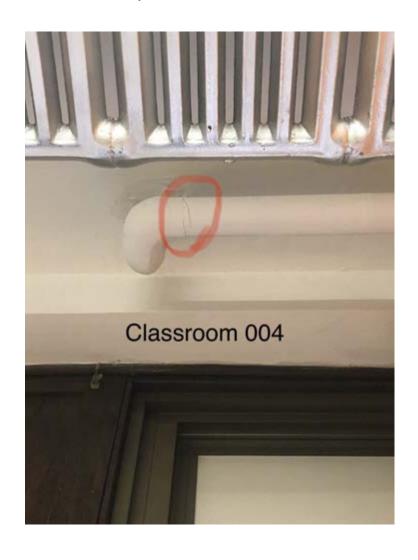
|                                |                           |                           |                                  |                               |  | Scope   | of Work                                    |   |   |  |  |               |
|--------------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|---------------|
| Work Loca                      | tion#:                    |                           | 27                               |                               |  |   |  | Use of Room:  | Classroom                               |  | Teacher                                  | Yes           |
| Space ID:                      |                           |                           | 4                                |                               | Estimated # hours to Co Scope                          |   | 1  | Water Location preferred)                                 | `                                       | Bathroom   | in Hallway                               |               |
| Onsite Room                    | m Name                    | :                         | Classro                          | om 004                        |  |   |  | Electric Panel Ti<br>(Majors)                             | ie-in Location                          | In Classro   | om                                       |               |
| Project Typ<br>Minor, Maj      |                           |                           | all, Inciden                     | tal                           |  |   |  |   | oom (Minors) or Location (Majors)       | None   |  |               |
| High Traffi                    | igh Traffic Area?         |                           | Yes                              |                               |  |   |  | Potential For Da  | mage - Air?                             | Yes  |  |               |
| High Activi                    | ligh Activity Area?       |                           | Yes                              |                               |  |   |  | Potential For Da Vibration?                               | mage -                                  | No   |  |               |
| High Acces                     | s Area?                   | Vibration?                |                                  | mage - Water?                 | No   |   |  |   |   |  |  |               |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Pipe<br>insulation 2-6<br>inch | 45 LF                     | 1 LF                      | 1 LF                             | No                            | Encapsulate  | Pipe riser  | No   | No  | Desks                                   | No   | None                                     | None          |

Encapsulate 2 open seams in pipe insulation



Carnell Elementary School

Classroom 004

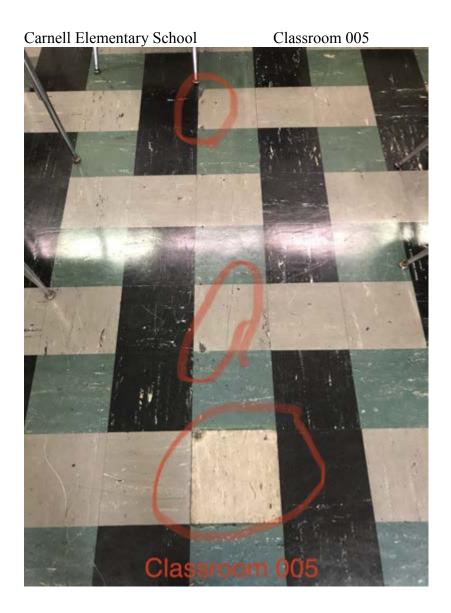






|                           |                           |                           |      |                  |                               |   | Scope   | of Work                                    |   |   |  |  |               |
|---------------------------|---------------------------|---------------------------|------|------------------|-------------------------------|---|---|--|---|---|--|--|---------------|
| Work Loca                 | tion #:                   |                           |      | 28               |                               |   |   |  | Use of Room:  | Classroom                               |  | t/Teacher<br>upied?                      | Yes           |
| Space ID:                 |                           |                           | :    | 5                |                               | Estimated # hours to Co Scope               |   | 2  | Water Location preferred)                           | (hose bib                               | Bathroom   | in Hallway                               |               |
| Onsite Roo                | m Name                    | :                         |      | Classro          | om 005                        |   |   |  | Electric Panel T<br>(Majors)                        | ie-in Location                          | In Classro   | om                                       |               |
| Project Typ<br>Minor, Maj |                           |                           | all, | Nonfria          | ble                           |   |   |  |   | oom (Minors) or ocation (Majors)        | None   |  |               |
| High Traffi               | ic Area?                  |                           |      | Yes              |                               |   |   |  | Potential For Da                                    | mage - Air?                             | Yes  |  |               |
| High Activ                | ity Area                  | ?                         |      | Yes              |                               |   |   |  | Potential For Da Vibration?                         | image -                                 | Yes  |  |               |
| High Acces                | ss Area?                  |                           |      | Yes              |                               |   |   |  | Potential For Da                                    | mage - Water?                           | Yes  |  |               |
|                           |                           |                           |      |                  |                               |   |   |  |   |   |  |  |               |
| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Am   | al/Encap<br>ount | Imminent<br>Hazard?<br>yes/no | Abatement Type  Remove, Repair, Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation Barriers Required? List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Floor Tile<br>9"x9"       | 800 SF                    | 4 SF                      | 4    | SF               | No                            | Remove                                      | Floor<br>Throughout                                     | Yes, Dry Ice                               | No  | Desks                                   | No   | None                                     | 1             |
| Cracking T                | iles                      |                           |      |                  |                               |   |   |  |   |   |  |  |               |









|                                |   |                           |                                  |                               |   | Scope  | e of Work                          |   |   |  |  |               |
|--------------------------------|---|---------------------------|----------------------------------|-------------------------------|---|--|------------------------------------|---|---|--|--|---------------|
| Work Locat                     | tion #:   |                           | 29                               |                               |   |  |                                    | Use of Room:  | Classroom<br>Closet                     |  | t/Teacher<br>upied?                      | Yes           |
| Space ID:                      |   |                           | 005A                             |                               | Estimated # hours to Co Scope               | of Man-<br>omplete this                                | 8                                  | Water Location preferred)                               | (hose bib                               | Bathroom   | in Hallway                               |               |
| Onsite Room                    | m Name  | •                         | Classro                          | oom 005 Cl                    | oset  |  |                                    | Electric Panel T (Majors)                               | ie-in Location                          | In Classro   | om                                       |               |
|                                | et Type: Incidental, Small,<br>r, Major, Nonfriable<br>Fraffic Area? No |                           |                                  |                               |   |  |                                    | coom (Minors) or<br>cocation (Majors)                   | Shower/Clean Room                       |  |  |               |
| High Traffi                    | affic Area? No  |                           |                                  |                               |   |  | Potential For Da                   | mage - Air?   | No                                      |  |  |               |
| High Activi                    | h Activity Area?  |                           |                                  |                               |   |  | Potential For Da Vibration?        | image -   | Yes                                     |  |  |               |
| High Acces                     | s Area?   |                           | Yes                              |                               |   |  |                                    | Potential For Da  | ımage - Water?                          | No   |  |               |
|                                |   |                           |                                  |                               |   |  |                                    |   |   |  |  |               |
| Material                       | Total<br>Present<br>LF/SF   | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement Type  Remove, Repair, Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window | Alternative Method  if yes, define | Plywood Isolation<br>Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Pipe<br>insulation 2-6<br>inch | 18 LF   | 1 LF                      | 1 LF                             | No                            | Remove                                      | Pipe riser   | No                                 | No  | Supplies                                | No   | Containment                              | 1             |
|                                |   |                           |                                  |                               |   |  |                                    |   |   |  |  |               |

Wrapping become undone and exposed ends is damage to pipe insulation. DDC is written for full abatement because pipe insulation is associated with shelves and therefore it all needs to be removed.

No

No

Supplies

No

Containment

Pipe Riser

Pipe Fitting

Insulation

3 EA

No

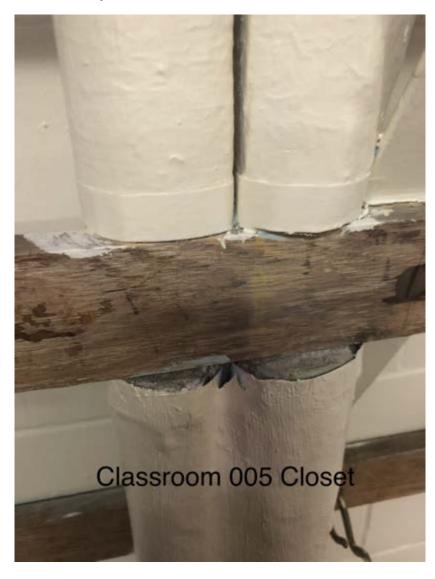
Remove

0 EA



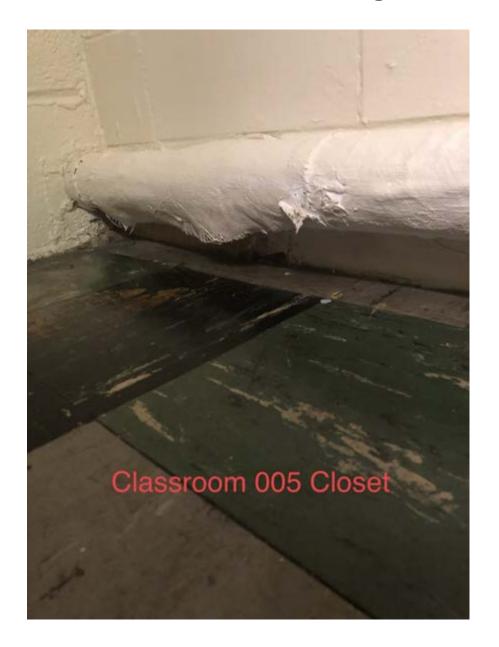
Carnell Elementary School

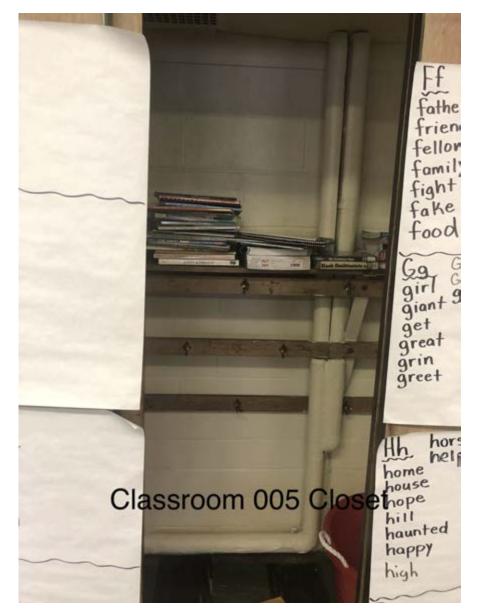
Classroom 005 Closet













|                                |                           |                           |                                  |                               |                               | Scope                                 | of Work               |   |   |  |  |               |
|--------------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|-------------------------------|---------------------------------------|-----------------------|---|---|--|--|---------------|
| Work Location                  | on #:                     |                           | 30                               |                               |                               |                                       |                       | Use of Room:  | Classroom                               |  | Teacher                                  | Yes           |
| Space ID:                      |                           |                           | 6                                |                               | Estimated # hours to Co Scope |                                       | 2                     | Water Location preferred)                               | (hose bib                               | Bathroom                                     | in Hallway                               |               |
| Onsite Room                    | n Name                    | :                         | Classro                          | om 006                        |                               |                                       |                       | Electric Panel T<br>(Majors)                            | ie-in Location                          | In Classro                                   | om                                       |               |
| Project Type:<br>Minor, Major  |                           |                           | all, Small                       |                               |                               |                                       |                       |   | oom (Minors) or cocation (Majors)       | None   |  |               |
| High Traffic                   | Area?                     |                           | Yes                              |                               |                               |                                       |                       | Potential For Da  | mage - Air?                             | Yes  |  |               |
| High Activity                  | y Area?                   | )                         | Yes                              |                               |                               |                                       |                       | Potential For Da Vibration?                             | mage -                                  | No   |  |               |
| High Access                    | Area?                     |                           | No                               |                               |                               |                                       |                       | Potential For Da  | mage - Water?                           | No   |  |               |
|                                |                           |                           |                                  |                               |                               |                                       |                       |   |   |  |  |               |
|                                | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,  | Specific<br>Location<br>i.e. riser #, | Alternative<br>Method | Plywood Isolation<br>Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
|                                |                           |                           |                                  |                               | Repair,<br>Encapsulate        | wall#, window#                        | define                |   |   | Objects?                                     |  |               |
| Pipe<br>insulation 2-6<br>inch | 29 LF                     | 2 LF                      | 2 LF                             | No                            | Encapsulate                   | Pipe riser                            | No                    | No  | Desks                                   | No   | None                                     | None          |



Carnell Elementary School

Classroom 006









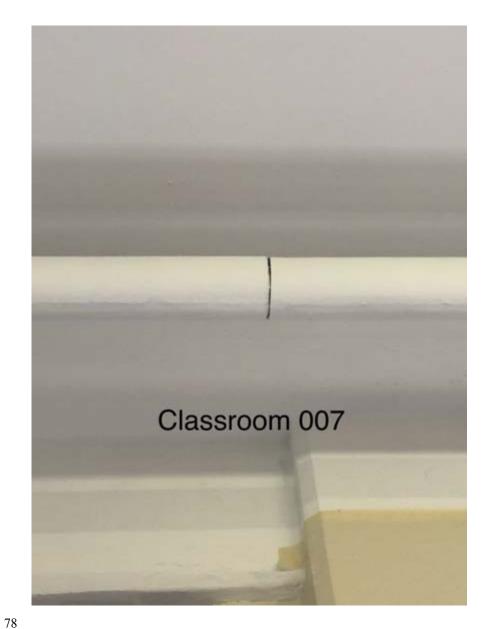
|                                |  |               |                 |                |                                   | Scope                                  | of Work                |                                    |                                      |  |                             |      |
|--------------------------------|--|---------------|-----------------|----------------|-----------------------------------|--|------------------------|------------------------------------|--------------------------------------|--|-----------------------------|------|
| Work Locat                     | tion#:   |               | 31              |                |                                   |  |                        | Use of Room:                       | Classroom                            |  | t/Teacher<br>upied?         | Yes  |
| Space ID:                      |  |               | 7               |                | Estimated # hours to Co Scope     | of Man-<br>omplete this                | 1                      | Water Location preferred)          | (hose bib                            | Bathroom                                     | in Hallway                  |      |
| Onsite Room                    | m Name   | :             | Classro         | om 007         |                                   |  |                        | Electric Panel T (Majors)          | ie-in Location                       | In Classro                                   | om                          |      |
|                                | site Room Name:  oject Type: Incidental, Sma nor, Major, Nonfriable gh Traffic Area?  gh Activity Area?  gh Access Area? |               | all, Incide     | ntal           |                                   |  |                        |                                    | oom (Minors) or<br>Location (Majors) | None   |                             |      |
| High Traffic                   | igh Traffic Area?  |               |                 |                |                                   |  |                        | Potential For Da                   | mage - Air?                          | Yes  |                             |      |
| High Activi                    | ity Area'  | ?             | Yes             |                |                                   |  |                        | Potential For Da Vibration?        | image -                              | No   |                             |      |
| High Acces                     | s Area?  |               | No              |                |                                   |  |                        | Potential For Da                   | ımage - Water?                       | No   |                             |      |
| Material                       | Total  | Damage        | Removal/Encap   | Imminent       | Abatement                         | Specific                               | Alternative            | Plywood Isolation                  | Moveable Objects?                    | Is There                                     | Glove Bag                   | # of |
|                                | Present  LF/SF   | Amount  LF/SF | Amount<br>LF/SF | Hazard? yes/no | Type  Remove, Repair, Encapsulate | Location  i.e. riser #, wall#, window# | Method  if yes, define | Barriers Required?  List locations | Provide Summary<br>List              | Asbestos<br>Debris on<br>Movable<br>Objects? | Tent or Full<br>Containment | AFD' |
| Pipe<br>insulation 2-6<br>inch | 19 LF  | 1 LF          | 1 LF            | No             | Encapsulate                       | Pipe riser                             | No                     | No                                 | Desks                                | No   | None                        | None |

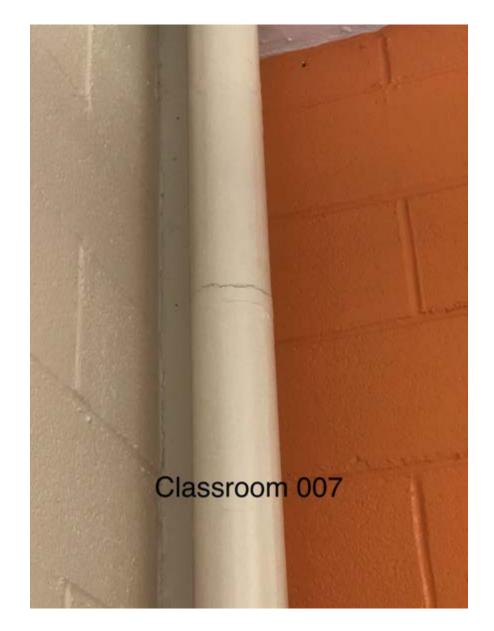
Encapsulate 2 open seams in pipe insulation



Carnell Elementary School

Classroom 007







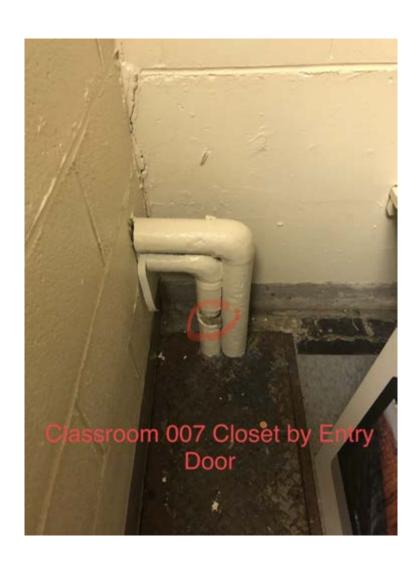
|                                |                           |                           |                                  |                               |  | Scope   | of Work                                    |   |   |  |  |               |
|--------------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|---------------|
| Work Loca                      | tion#:                    |                           | 32                               | 32                            |  |   |  |   | Classroom<br>Closet                     | Student/Teacher<br>Occupied?                             |  | Yes           |
| Space ID:                      |                           |                           | 4                                |                               | Estimated # hours to Co Scope                          | of Man-<br>omplete this                                 | 1  | Water Location preferred)                                 | (hose bib                               | Bathroom   |  |               |
| Onsite Roo                     | m Name                    | :                         | Classro                          | om 007 Cl                     | oset by Entry  | y Door  |  | Electric Panel Ti<br>(Majors)                             | ie-in Location                          | In Classro   | om                                       |               |
| Project Typ<br>Minor, Maj      |                           |                           | all, Minor                       |                               |  |   |  | Shower/Clean R  | oom (Minors) or ocation (Majors)        | None   |  |               |
| High Traffic Area? No          |                           |                           |                                  |                               |  |   |  | Potential For Damage - Air?                               |   | No   |  |               |
| High Activ                     | ity Area'                 | ?                         | No                               | No                            |  |   |  |   | mage -                                  | Yes  |  |               |
| High Acces                     | ss Area?                  |                           | No                               |                               |  |   |  | Potential For Da  | mage - Water?                           | No   |  |               |
|                                |                           |                           |                                  |                               |  |   |  |   |   |  |  |               |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Pipe<br>insulation 2-6<br>inch | 4 LF                      | 1 LF                      | 4 LF                             | No                            | Remove   | Pipe  | No   | No  | Supplies                                | No   | Containment                              | 1             |
| Pipe Fitting<br>Insulation     | 2 EA                      | 0 EA                      | 2 EA                             | No                            | Remove   | Pipe  | No   | No  | Supplies                                | No   | Containment                              | 1             |

The damage is an exposed end on the pipe insulation. Written for full abatement because it is close to shelves, can be easily missed and has potential for significant damage.



Carnell Elementary School

Classroom 007 Closet by Entry Door





#### **Asbestos Design Data Collection (DDC)** 10242019

|  |   |                           |                                  |                               |   | Scope   | of Work                                    |   |   |  |               |     |
|--|---|---------------------------|----------------------------------|-------------------------------|---|---|--|---|---|--|---------------|-----|
| Work Loca  | tion #:                                       |                           | 33                               | 33                            |   |   |  |   | Classroom<br>Closet                     | Student/Teacher<br>Occupied?                             |               | Yes |
| Space ID:  |   |                           | 007B                             |                               | Estimated # hours to Co Scope               | of Man-<br>omplete this                                 | 8  | Water Location (hose bib preferred)                     |   | Bathroom   |               |     |
| Onsite Roo   | Onsite Room Name: Classroom 007 Middle Closet |                           |                                  |                               |   |   |  |   | ie-in Location                          | In Classroom   |               |     |
| Project Type: Incidental, Small, Minor, Major, Nonfriable  Minor |   |                           |                                  |                               |   |   |  |   | Room (Minors) or Location (Majors)      | None   |               |     |
| High Traffi  | ic Area?                                      |                           | Yes                              |                               |   |   |  | Potential For Da  | amage - Air?                            | Yes  |               |     |
| High Activ   | ity Area'                                     | ?                         | Yes                              | Yes                           |   |   |  |   | amage -                                 | No   |               |     |
| High Acces   | ss Area?                                      |                           | Yes                              |                               |   |   |  | Potential For Damage - Water? No                        |   |  |               |     |
|  |   | _                         |                                  |                               |   |   |  |   |   |  | Glove Bag     |     |
| Material   | Total<br>Present<br>LF/SF                     | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement Type  Remove, Repair, Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | # of<br>AFD's |     |
| Pipe insulation 2-6  | 28 LF   | 1 LF                      | 28 LF                            | No                            | Remove                                      | Pipe riser  | No   | No  | Supplies                                | No   | Containment   | 1   |

The damage is exposed ends however pipe is written for full removal because the pipe is associated with shelves.



Carnell Elementary School

Classroom 007 Middle Closet





### Asbestos Design Data Collection (DDC) 10242019

|                           |                           |                           |                                  |                               |  | Scope   | of Work                                    |   |   |  |  |               |
|---------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|---------------|
| Work Loca                 | tion #:                   |                           | 34                               |                               |  |   |  | Use of Room:  | Classroom<br>Closet                     |  | Teacher                                  | Yes           |
| Space ID:                 |                           |                           | 214A                             |                               | Estimated # of Manhours to Complete this Scope         |   |  | Water Location (hose bib preferred)                           |   | Bathroom   |  |               |
| Onsite Roo                | m Name                    | :                         | Nurse's                          | Office Re                     | estroom  |   |  | Electric Panel T (Majors)                                     | ie-in Location                          | In Office  |  |               |
| Project Typ<br>Minor, Maj |                           |                           | all, Inciden                     | tal                           |  |   |  | Shower/Clean Room (Minors) or 3 Stage Decon Location (Majors) |   | None   |  |               |
| High Traffi               | ic Area?                  |                           | Yes                              |                               |  |   |  | Potential For Da  | amage - Air?                            | Yes  |  |               |
| High Activ                | ity Area                  | ?                         | Yes                              |                               |  |   |  | Potential For Damage - No Vibration?                          |   |  |  |               |
| High Acces                | ss Area?                  |                           | No                               |                               |  |   |  | Potential For Damage - Water? No                              |   |  |  |               |
| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?  List locations       | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Pipe insulation 2-6       | 25 LF                     | 1 LF                      | 1 LF                             | No                            | Encapsulate  | Pipe riser  | No   | No  | No                                      | No   | N/A                                      | 0             |

The pipe is wrapped with duct tape which is not a proper form of encapsulation.







|                           |  |                           |                    |  |                     | Scope   | of Work                                    |   |   |  |  |               |
|---------------------------|--|---------------------------|--------------------|--|---------------------|---|--|---|---|--|--|---------------|
| Work Loca                 | ition #:                                   |                           | 35                 |  |                     |   |  | Use of Room:  | Classroom                               | Student/Teacher<br>Occupied?                             |  | Yes           |
| Space ID:                 |  |                           | 20:                | Estimated # of Man-<br>hours to Complete this 2<br>Scope |                     |   | Water Location (hose bib preferred)        |   | Bathroom in Hallway                     |  |  |               |
| Onsite Roo                | om Name                                    | :                         | IM                 | C Library Of   | fice                |   |  | Electric Panel T (Majors)                           | ie-in Location                          | In Office  |  |               |
| Project Typ<br>Minor, Maj |  |                           | all, No            | nfriable   |                     |   |  |   | Acoom (Minors) or<br>Location (Majors)  | None   |  |               |
| High Traffi               | ic Area?                                   |                           | Ye                 | S  |                     |   |  | Potential For Da                                    | amage - Air?                            | Yes  |  |               |
| High Activ                | rity Area                                  | ?                         | Ye                 | es   |                     |   |  | Potential For Da Vibration?                         | nmage -                                 | Yes  |  |               |
| High Acces                | ss Area?                                   |                           | Ye                 | S  |                     |   |  | Potential For Da                                    | amage - Water?                          | Yes  |  |               |
|                           |  |                           |                    |  |                     |   |  |   |   |  |  |               |
| Material                  | Total<br>Present<br>LF/SF                  | Damage<br>Amount<br>LF/SF | Removal/E<br>Amoun | •  |                     | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation Barriers Required? List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Floor Tile<br>9"x9"       | oor Tile 182 SE 2 SE 2 SE No Parroya Floor |                           |                    |  | Floor<br>Throughout | Yes, Dry Ice  | No   | Desk  | No                                      | None   | 0  |               |
| Cracking at               | nd loose                                   | Tiles                     |                    |  |                     |   |  |   |   |  |  |               |



Carnell Elementary School IMC Library Office





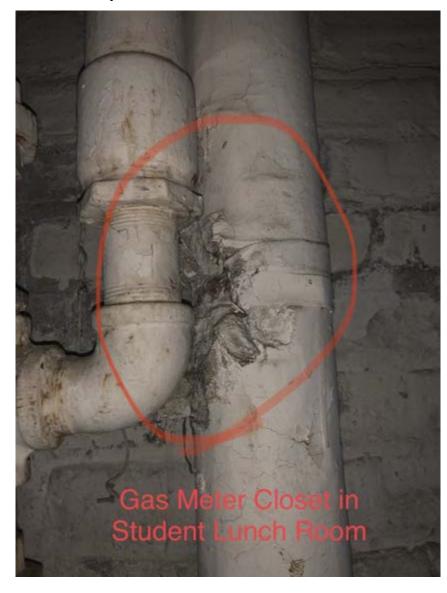
|                           |                           |                           |                                  |                               |  | Scope   | of Work                                    |   |   |  |  |             |
|---------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|-------------|
| Work Locat                | tion #:                   |                           | 36                               |                               |  |   |  | Use of Room:  | Utilites Closet                         |  | /Teacher<br>pied?                        | No          |
| Space ID:                 |                           |                           | 11A                              |                               | Estimated # hours to Co Scope                          | of Man-<br>omplete this                                 | 2  | Water Location (hose bib preferred)                                 |   | Lunch Room   |  |             |
| Onsite Room               | m Name                    | •                         | Gas Me                           | ter Closet                    | in Student L   | unch Room   |  | Electric Panel Tie-in Location (Majors)                             |   | Lunch Roo  | om                                       |             |
| Project Typ<br>Minor, Maj |                           |                           | all, Incident                    | tal                           |  |   |  | Shower/Clean Room (Minors) or<br>3 Stage Decon Location<br>(Majors) |   | None   |  |             |
| High Traffi               | c Area?                   |                           | No                               |                               |  |   |  | Potential For Da  | mage - Air?                             | No   |  |             |
| High Activi               | ity Area?                 | ,                         | No                               | No                            |  |   |  |   | Potential For Damage - No Vibration?    |  |  |             |
| High Acces                | s Area?                   |                           | No                               |                               |  |   |  | Potential For Damage - Water? No                                    |   |  |  |             |
| Material                  | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?<br>List locations           | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD |
| Pipe insulation 2-6 inch  | 30 LF                     | 2 LF                      | 2 LF                             | No                            | Encapsulate  | Pipe riser  | No   | No  | No                                      | No   | N/A                                      | 0           |

Three exposed ends and 1 exposed section that require encapsulation.



Carnell Elementary School

Gas Meter Closet in Student Lunch Room







|                                |            |          |                     |                   |                      |  | Scope                                   | of Work                                       |                                   |  |                           |             |    |
|--------------------------------|------------|----------|---------------------|-------------------|----------------------|--|---|---|-----------------------------------|--|---------------------------|-------------|----|
| Work Loca                      | tion #:    |          |                     | 37                |                      |  |   |   | Use of Room:                      | Fan Room                                 | Student/Teacher Occupied? |             | No |
| Space ID:                      |            |          |                     | 15                |                      | Estimated # of Manhours to Complete this Scope |   |   | Water Location preferred)         | (hose bib                                | Boiler Room               |             |    |
| Onsite Roo                     | m Name     | :        |                     | Fan Roo           | om next to           | Boiler Room                                    |   |   | Electric Panel Ti<br>(Majors)     | ie-in Location                           | Boiler Roo                | om          |    |
| Project Typ<br>Minor, Maj      |            | all,     | Minor               |                   |                      |  |   | Shower/Clean R<br>3 Stage Decon I<br>(Majors) | oom (Minors) or ocation           | None                                     |                           |             |    |
| High Traffic Area?             |            |          |                     |                   | Yes                  |  |   |   |                                   | mage - Air?                              | Yes                       |             |    |
| High Activi                    | ity Area?  | )        |                     | Yes               |                      |  |   |   | Potential For Da Vibration?       | mage -                                   | No                        |             |    |
| High Acces                     | ss Area?   |          |                     | No                |                      |  |   |   | Potential For Da                  | mage - Water?                            | No                        |             |    |
|                                |            |          |                     |                   |                      |  |   |   |                                   |  |                           |             |    |
| Material                       |            |          | Imminent<br>Hazard? | Abatement<br>Type | Specific<br>Location | Alternative<br>Method                          | Plywood Isolation<br>Barriers Required? | Moveable Objects?  Provide Summary            | Is There<br>Asbestos<br>Debris on | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's             |             |    |
|                                | LF/SF      | LF/SF    | ]                   | LF/SF             | yes/no               | Remove,<br>Repair,<br>Encapsulate              | i.e. riser #,<br>wall#, window#         | if yes,<br>define                             | List locations                    | List                                     | Movable<br>Objects?       | Contaminent |    |
| Pipe Fitting<br>Insulation     | 75 EA      | 4 EA     |                     | 4 EA              | No                   | Encapsulate                                    | Pipe riser                              | No  | No                                | No                                       | No                        | N/A         | 0  |
| Cracked pip                    | pe fitting | s        | •                   |                   |                      |  |   |   |                                   |  |                           |             |    |
| Pipe<br>insulation 2-6<br>inch | 110 LF     | 3 LF     |                     | 3 LF              | No                   | Encapsulate                                    | Pipe riser                              | No  | No                                | No                                       | No                        | N/A         | 0  |
| Two punctu                     | ures and   | one open | seam                | l                 |                      |  |   |   |                                   |  |                           |             |    |



Carnell Elementary School

Fan Room Next to Boiler Room



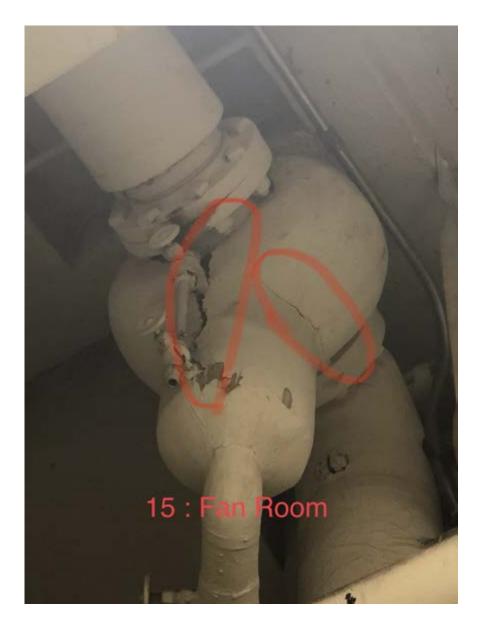




Carnell Elementary School

Fan Room Next to Boiler Room







|                                |                           |                           |                                  |                               |  | Scope   | of Work                                    |   |   |  |  |               |
|--------------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|---------------|
| Work Locat                     | tion #:                   |                           | 38                               |                               |  |   |  | Use of Room:  | Attic                                   | Student/Teacher<br>Occupied?                             |  | No            |
| Space ID:                      |                           |                           | AT                               |                               | Estimated # hours to Co Scope                          |   | 5 Days                                     | Water Location (preferred)                              | (hose bib                               | 3 <sup>rd</sup> Floor Hallway                            |  |               |
| Onsite Room                    | m Name                    | :                         | Attic at                         | 3 <sup>rd</sup> Floor S       | Stairwell  |   |  | Electric Panel Ti<br>(Majors)                           | e-in Location                           | 3 <sup>rd</sup> Floor H                                  | Iallway                                  |               |
| Project Typ<br>Minor, Maj      |                           |                           | all, Major                       | Major                         |  |   |  |   | oom (Minors) or ocation                 | 3 Stage De   | con                                      |               |
| High Traffic Area? No          |                           |                           |                                  |                               |  |   |  | Potential For Da  | mage - Air?                             | Yes  |  |               |
| High Activi                    | ity Area                  | ?                         | No                               |                               |  |   |  |   | mage -                                  | No   |  |               |
| High Acces                     | ss Area?                  |                           | No                               |                               |  |   |  | Potential For Da  | mage - Water?                           | No   |  |               |
| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?  List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
| Pipe Fitting<br>Insulation     | 450                       | 20 EA                     | 20 EA                            | No                            | Encapsulate  | Throughout  | No   | Attic   | No                                      | No   | Full<br>Containment                      | 5             |
| Cracked pip                    | pe fitting                | S                         | 1                                | 1                             |  | 1   | 1  | ı   |   | 1  | 1  | 1             |
| Pipe<br>insulation 2-6<br>inch | 1700<br>LF                | 100 LF                    | 100 LF                           | No                            | Encapsulate  | Throughout  | No   | Attic   | No                                      | No   | Full<br>Containment                      | 5             |

which appears to be for encapsulation but have not been encapsulated yet. I observed one asbestos bag and several tyvek suits by entrance. There are pipe punctures and fittings that are cracked throughout. A more thorough inspection, which would require much more time, to identify all areas of damage and debris. I took some representative pictures of damage, debris and exposed sections.



Carnell Elementary School

Attic at 3<sup>rd</sup> Floor Stairwell







Carnell Elementary School

Attic at 3<sup>rd</sup> Floor Stairwell

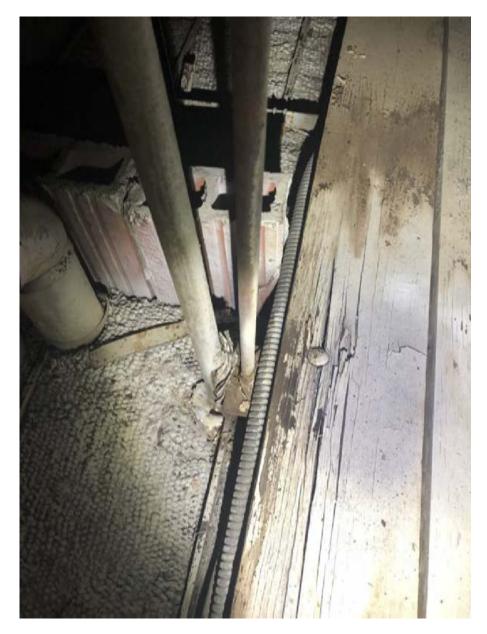






Carnell Elementary School

Attic at 3<sup>rd</sup> Floor Stairwell

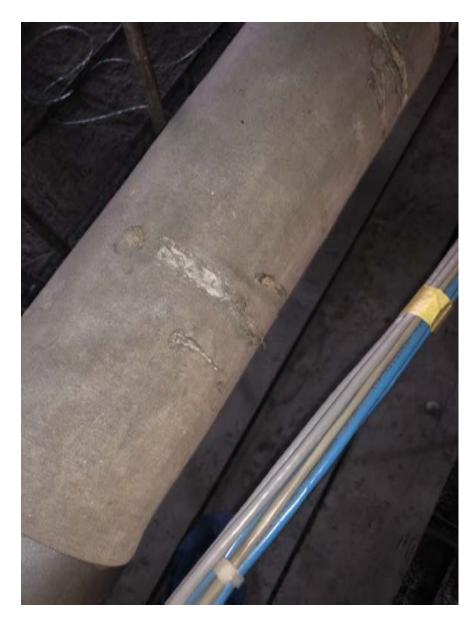






Carnell Elementary School

Attic at 3<sup>rd</sup> Floor Stairwell







Carnell Elementary School

Attic at 3<sup>rd</sup> Floor Stairwell







| Scope of Work  |                   |  |          |   |                           |                               |                    |  |  |  |  |
|--|-------------------|--|----------|---|---------------------------|-------------------------------|--------------------|--|--|--|--|
| Work Location #:   | 39                |  |          | Use of Room:                                  | Attic                     | Student/Teacher<br>Occupied?  | No                 |  |  |  |  |
| Space ID:  | AT                | Estimated # of Manhours to Complete this Scope | 3 Days   | Water Location preferred)                     | (hose bib                 | 3 <sup>rd</sup> Floor Hallway |                    |  |  |  |  |
| Onsite Room Name:  | Attic above Audit | orium  |          | Electric Panel T<br>(Majors)                  | ie-in Location            | 3 <sup>rd</sup> Floor Hallway |                    |  |  |  |  |
| Project Type: Incidental, Small,<br>Minor, Major, Nonfriable | Major             |  |          | Shower/Clean R<br>3 Stage Decon I<br>(Majors) | coom (Minors) or cocation | 3 Stage Decon                 |                    |  |  |  |  |
| High Traffic Area?   | No                |  |          | Potential For Da                              | mage - Air?               | Yes                           |                    |  |  |  |  |
| High Activity Area?  | No                |  |          | Potential For Da Vibration?                   | image -                   | No                            |                    |  |  |  |  |
| High Access Area?  | No                |  |          | Potential For Da                              | mage - Water?             | No                            |                    |  |  |  |  |
| Material Democra Born  | 100               |  | 1 424 45 |   | M 11 01: 49               | In These Classes Dan          | <i>н-</i> <b>г</b> |  |  |  |  |

| Material                       | Total<br>Present<br>LF/SF | Damage<br>Amount<br>LF/SF | Removal/Encap<br>Amount<br>LF/SF | Imminent<br>Hazard?<br>yes/no | Abatement<br>Type<br>Remove,<br>Repair,<br>Encapsulate | Specific<br>Location<br>i.e. riser #,<br>wall#, window# | Alternative<br>Method<br>if yes,<br>define | Plywood Isolation<br>Barriers Required?<br>List locations | Moveable Objects?  Provide Summary List | Is There<br>Asbestos<br>Debris on<br>Movable<br>Objects? | Glove Bag<br>Tent or Full<br>Containment | # of<br>AFD's |
|--------------------------------|---------------------------|---------------------------|----------------------------------|-------------------------------|--|---|--|---|---|--|--|---------------|
| Pipe<br>insulation 2-6<br>inch | 120 LF                    | 48 LF                     | 48 LF                            | No                            | Encapsulate  | Throughout  | No   | Attic   | No                                      | No   | Full<br>Containment                      | 3             |

There is some visible debris, not significant amount, on floor throughout. By the entry to this attic, there is about 45LF wrapped with poly. Unsure as to why but that is not a proper form of encapsulation and therefore is considered damage. There are a few sections with exposed ends and punctures but rest of pipe that is not wrapped is in mostly good condition. A more thorough inspection needs to be completed, which would require more time, to identify all debris.



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