

4.1 Building 8

(GOOD)

Introduction:

Building 8 is occupied, housing the medical library, ophthalmology department, the osteoporosis center and several other clinics and offices. It has four stories of brick construction. Building 8 is a predominantly rectangular building facing south and extending in an east / west direction. It has a small wing extending north from the center of the building which is a large porch for the first floor and contains a staircase and mechanical room on the upper floors. The ends of the building are three sided. The east end of the basement joins a tunnel to Building 77. The building has a brick and concrete exterior with wooden soffitt with metal gutters. The windows and doors have metal casings except for the small windows at the top of the third floor, which are framed in wood. The interior of the building has plaster walls and ceilings and concrete floors.

Summary of results:

1. Exterior: Lead-based paint was found at numerous locations. All wooden window casings tested positive, as did the rafters and trim. Several door casings and doors also tested positive.
2. Basement: Numerous locations tested positive.
3. First floor: Numerous locations tested positive.
4. Second floor: Numerous locations tested positive
5. Third floor: Numerous locations tested positive

Within Building 8, the linear feet of each component containing lead based paint were calculated from the CAD drawings. The approximate quantities are listed as follows:

<u>Component</u>	<u>Approximate Quantity, in linear feet (lf)</u>
Baseboards	112 lf
Stairs/Railings*	3 floors for central staircase 2 floors for east staircase 1 floor for west staircase
Inner Walls	1,957 lf
Windows	197 lf
Doors	108 lf
Ceilings	1,211 square feet
Exterior Trim	682 lf

*Linear footage could not be computed for wood components on staircases; quantities are designated for number of staircases, by floor.

Specific locations are given in the table below. Testing data is located in Appendix A, Section A.1

4.1 Building 8

LEAD BASED PAINT COMPONENTS:

ROOM EQUIVALENT ¹	WALL DESIGNATION ²	COMPONENT ³	SUBSTRATE ^{4,5}
EXTERIOR			
EXTERIOR	Wall A	Rafters	Wood
		Attic Window Casings	Wood
		Trim	Wood
	Wall B	Rafters	Wood
		Attic Window Casings	Wood
		Trim	Wood
	Wall C	Rafters	Wood
		Attic Window Casings	Wood
		Trim	Wood
		Window Screen Frame behind A/C at Room 116	Wood
		Door to Room 002 (Main Unit A)	Wood
		Door Casing	Wood
		Door to Room 116	Wood
		Door Casing	Wood
		Frame for Hydraulic Rams	Metal
		Basement Vents (All)	Wood
	Wall D	Rafters	Wood
		Attic Window Casings	Wood
		Trim	Wood
		Door to Room 112	Wood
Door Casing		Wood	
BASEMENT			
Elevator Hallway		Ceiling	Concrete
	Wall A	Wall	Plaster
	Wall B	Wall	Plaster
	Wall C	Door	Wood
		Door Casing	Wood
Wall D	Wall	Plaster	
Entry (North-South) Hallway	Wall B	Wall	Concrete
	Wall D	Wall	Plaster
		Door Casing	Wood
Stairs	Wall A	Wall	Plaster
	Wall C	Wall	Plaster

4.1 Building 8

ROOM EQUIVALENT ¹	WALL DESIGNATION ²	COMPONENT ³	SUBSTRATE ^{4,5}
Extension of Hallway Western (D Side)		Ceiling	Concrete
	Wall A	Wall	Plaster
	Wall B	Wall	Plaster
	Wall C	Wall	Plaster
	Wall D	Chair Rail	Wood
East Hallway		Wall	Plaster
	Wall A	Wall	Plaster
	Wall B	Wall	Plaster
	Wall C	Wall	Plaster
	Wall D	Wall	Plaster
FIRST FLOOR			
North-South Hallway	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
		Upper Wall	Plaster
North-South Hallway	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
		Upper Wall	Plaster
Last Room on Right on West End of Building	Wall B	Wall	Tile
	Wall C	Wall	Tile
	Wall D	Wall	Tile
Room 135	Wall A	Wall	Tile
Room 137	Wall A	Lower Wall	Tile
		Window Casing	Wood
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
Upper Wall		Plaster	
Room 139	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
		Door	Wood
		Door Casing	Wood
	Wall D	Lower Wall	Tile
Upper Wall		Plaster	

4.1 Building 8

ROOM EQUIVALENT ¹	WALL DESIGNATION ²	COMPONENT ³	SUBSTRATE ^{4,5}
Room 139	Wall D	Window	Wood
		Window Casing	Wood
Room 140	Wall D	Wall	Tile
Transcription Room	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
		Door Casing	Wood
	Wall C	Lower Wall	Tile
Wall D	Lower Wall	Tile	
Stairwell 116	Stairs	Post	Wood
		Stringer (Both)	Wood
		Risers	Concrete
		Balusters	Wood
	Wall B	Wall	Plaster
SECOND FLOOR			
Hallway (East-West, on West Side of Building, West Section)	Wall A	Lower Wall	Tile
	Wall C	Lower Wall	Tile
Room 225	Wall C	Lower Wall	Tile
Room 226	Wall C	Lower Wall	Tile
Room 230	Wall A	Lower Wall	Tile
	Wall C	Lower Wall	Tile
Room 231	Wall A	Wall	Plaster
		Door Casing	Wood
Hallway, Center Section	Wall A	Lower Wall	Tile
Room 234	Wall A	Door Casing	Wood
	Wall C	Lower Wall	Tile
		Door Casing	Wood
Women's Room		Walls	Tile ⁵
	Shower	Wall	Tile ⁵
Men's Room		Walls	Tile ⁵
	Shower	Wall	Tile
Room 224	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
Room 225	Wall C	Door Casing	Wood
Room 226	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
Room 227	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile

4.1 Building 8

ROOM EQUIVALENT ¹	WALL DESIGNATION ²	COMPONENT ³	SUBSTRATE ^{4,5}
Room 227	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
Room 228		Door Casing	Wood
Hallway, Inner (Eastern End) Section	Wall A	Lower Wall	Tile
	Wall C	Lower Wall	Tile
Hallway in Front of Eye Clinic Check-in	Wall C	Lower Wall	Tile
Hallway, East-West, on West Side of Building		Door Casing-Hallway End	Wood
		Door Casing to 221	Wood
		Door Casing to 200B	Wood
		Door Casing to 201	Wood
		Door Casing to 203	Wood
		Door Casing to 204	Wood
	Wall A	Lower Wall	Tile
	Wall B	Lower Wall	Tile
	Wall C	Lower Wall	Tile
	Wall D	Lower Wall	Tile
Room 200	Wall A	Wall	Plaster
Room 200A	Wall A	Lower Wall	Tile
	Wall C	Window Sill	Wood
Room 203		Lower Walls	Tile
Room 204	Wall B	Lower Wall	Tile
	Wall A	Window Sill	Wood
Room 205		Lower Wall	Tile
Room 207	Wall A	Lower Wall	Tile
	Wall C	Lower Wall	Tile
Room 208	Wall C	Lower Wall	Tile
		Window Casing	Wood
Room 210	Wall C	Lower Wall	Tile
Room 211	Wall B	Lower Wall	Tile
Room 215	Wall C	Lower Wall	Tile
Room 216	Wall C	Lower Wall	Tile
Room 218	Wall C	Lower Wall	Tile
Room 219	Wall C	Lower Wall	Tile
East End Hallway	Wall A	Lower Wall	Tile
THIRD FLOOR			
Storage 329	Wall C	Wall	Plaster
	Stairs	Newel Post	Wood
		Risers	Concrete
		Stringers	Wood

4.1 Building 8

ROOM EQUIVALENT ¹	WALL DESIGNATION ²	COMPONENT ³	SUBSTRATE ^{4,5}
Stairway 329	Stairs	Trim	Wood
Room 320 Bathroom	Wall A	Wall	Plaster
	Wall B	Wall	Plaster
	Wall C	Window Sill	Wood
	Bath D	Baseboards	Tile
	Wall B	Wall	Plaster
Room 320D	Wall C	Door Casing	Wood
Room 320B	Wall C	Window Casing	Wood
Room 301	Wall C	Window Casing	Wood
Room 303	Wall C	Window Casing	Wood
Room 305	Wall C	Window Casing	Wood
Room 314	Wall A	Window Casing	Wood
Room 316	Wall A	Window Casing	Wood
Room 318	Wall A	Window Casing	Wood

- 1) Room equivalent is an identifiable part of a building, such as a room, exterior, foyer, staircase, hallway, etc. All four exterior sides of a building are considered as a single room equivalent if the paint history appears to be similar.
- 2) Side "A" is the side or wall facing the front of the building. The other sides, "B", "C", and "D", are designated in a clockwise pattern.
- 3) Component is the particular material that has been painted, such as windows, doors, trim columns, crown molding, etc.
- 4) Substrate is the material underneath the paint. There are six common types of substrates: brick, concrete, drywall, metal, plaster, or wood.
- 5) These components are presumed positive. Similar building components with identical substrates that exhibit similar painting history can be assumed to be lead based paint provided that sufficient testing (usually at least five room equivalents) has been performed on other locations of this same component within the same building.