

CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
LOWER RESIDENCE B
HAZARDOUS MATERIALS SURVEY



Sampled for **asbestos** and **detected**
Sampled for **lead** and **detected**

This is a quick reference summary of a survey completed by Vista Environmental in January 2023. The complete report is available by contacting EH&S at safety@csu.edu. If unsure about ANY information contact EH&S prior to impacting suspect material.

**CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
LOWER RESIDENCE B
HAZARDOUS MATERIALS SUMMARY**

Positive Asbestos Locations

HOMO. ID	MATERIAL	DESCRIPTION	LOCATION	CAL/OSHA CLASS	BAAQMD CATEGORY	ESTIMATED QUANTITY
N	Gasket	Black, Pipe	Boiler Room	Class II	Category I - Non-Friable	5 SF (5 EA)
P	Vinyl Floor Tile/Mastic	12 White/Black	Throughout Door Rooms and Hallways except U & W locations below, Telecom Room. Debris was found on the exterior 1st Floor North.	Class II	Category I - Non-Friable	8,750 SF
U	Mastic	Black, Carpet	B1: 1 st Floor Hallway, Room B321, B3: 3 rd Floor Hallway	Class II	Category I - Non-Friable	600 SF
W	Leveling/Mastic	Gray/Black	B3: 1 st Floor Hallway	Class II	Category I - Non-Friable	180 SF

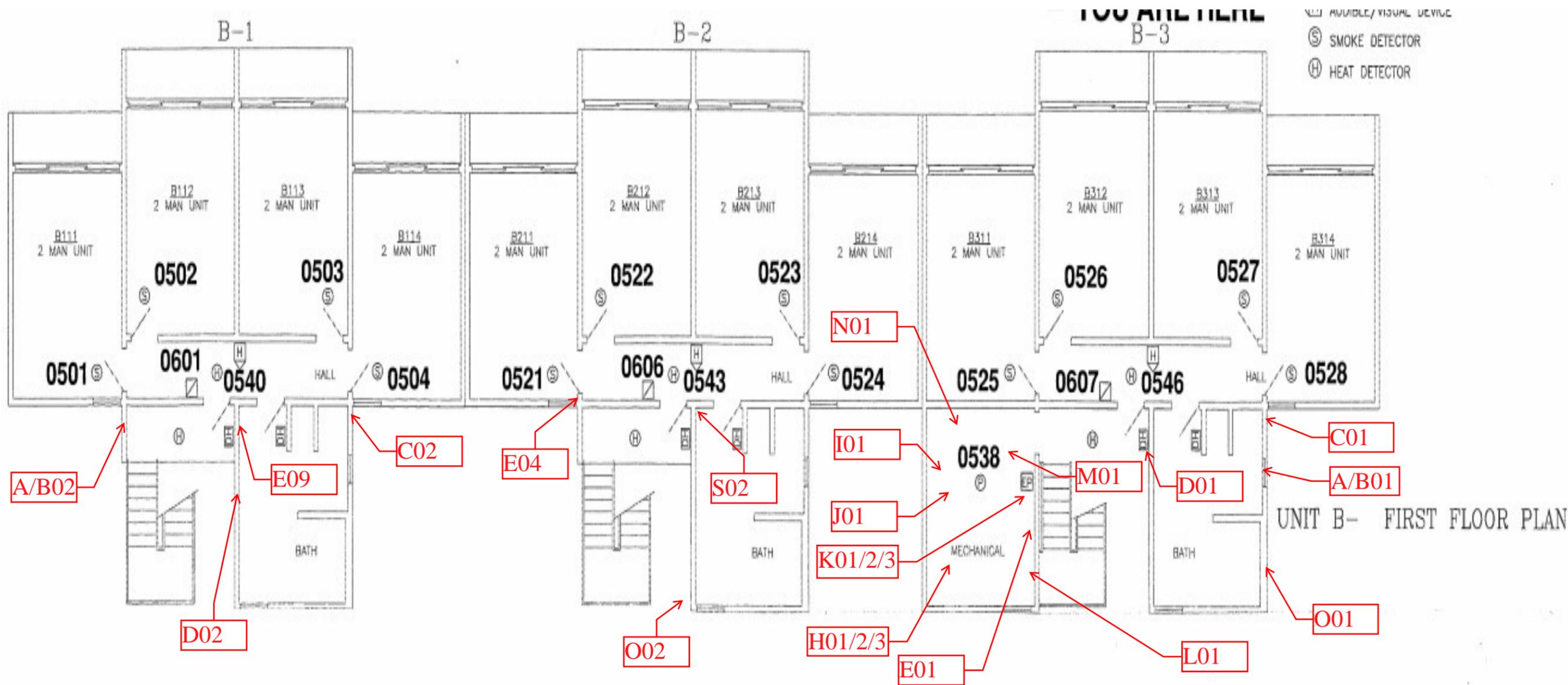
**CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
LOWER RESIDENCE B
ASBESTOS SAMPLING INVENTORY**

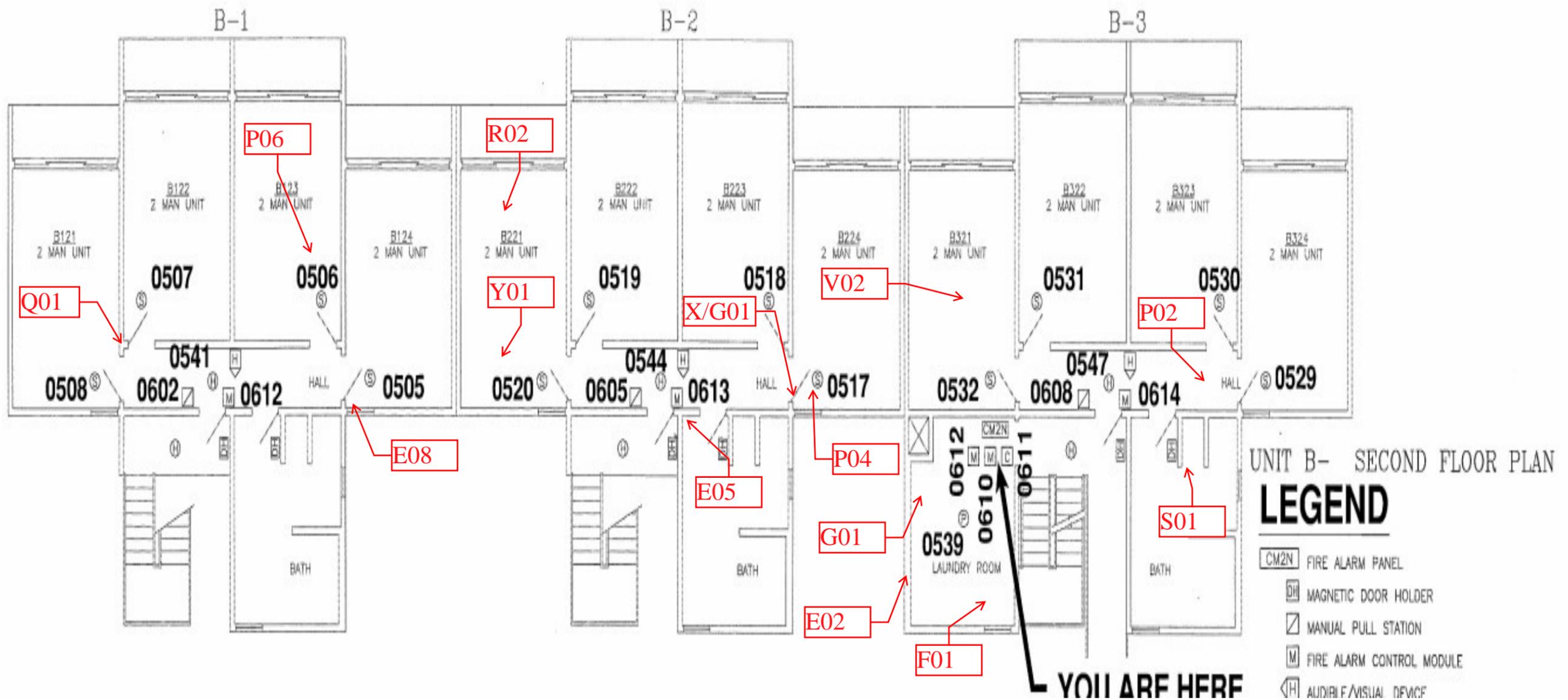
HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
A	Paint	Beige, Exterior Walls	2
B	Paint	Brown, Exterior Trim	2
C	Sealant	White, Exterior Trim	2
D	Vapor Barrier	Black, Exterior Walls	2
E	Wallboard/Joint Compound	White/White	9
F	Vinyl Sheet Flooring	Blue, Pebbled	1
G	Basecove/Mastic	6 Black/Tan	1
H	Thermal System Insulation	White, Tank	3
I	Jacketing	White, Pipe	1
J	Jacketing	Gray, Pipe	1
K	Textured Coat	White, Small	3
L	Firestop	Red	1
M	Gasket	Black	1
N	Gasket	Black Pipe	1
O	Concrete	Gray, Foundation	2
P	Vinyl Floor Tile/Mastic	12" White/Black	6
Q	Basecove/Mastic	4 Gray/Tan	3
R	Mastic	Tan, Carpet	2
S	Mastic	Yellow, Ceramic	2
T	Mastic	Yellow, FRP	2
U	Mastic	Black, Carpet	2

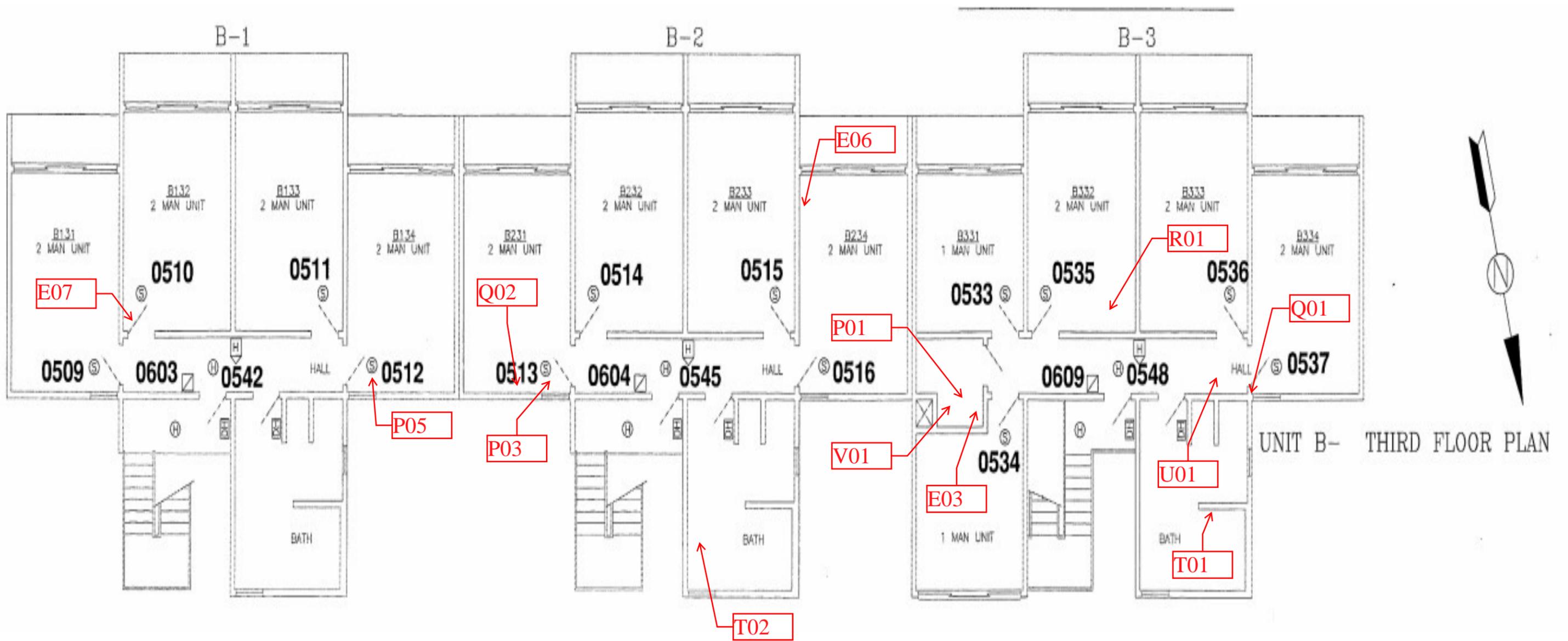
**CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
LOWER RESIDENCE B
ASBESTOS SAMPLING INVENTORY**

HOMOGENEOUS ID	MATERIAL	DESCRIPTION	# OF SAMPLES
V	Basecove/Mastic	2 Brown/Tan	1
W	Leveling/Mastic	Gray/Black	1
X	Basecove/Mastic	6 Gray/Tan	1
Y	Mastic	White, Undercoating	1
Z	Roof	Black & Brown	1

Asbestos samples in red are positive. Other materials in black are negative. If the material that you may impact is not clearly sampled in the above table than reach out to EH&S at safety@csu.edu. before impacting any material.







UNIT B- THIRD FLOOR PLAN

CALIFORNIA STATE UNIVERSITY MARITIME ACADEMY
 LOWER RESIDENCE B
 HAZARDOUS MATERIALS SUMMARY

XRF Positive Lead Locations

ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	PB	UNITS
Boiler Rm	Door Frame	Metal	Beige	Intact	0.01	mg/cm ²
Boiler Rm	Boiler	Metal	Blue	Intact	0.01	mg/cm ²
Laundry Rm	Door Frame	Metal	Beige	Intact	0.02	mg/cm ²
Laundry Rm	Door	Wood	Beige	Intact	0.1	mg/cm ²
Laundry Rm	Window Sill	Wood	White	Intact	0.01	mg/cm ²
3rd Floor	Door Frame	Drywall	White	Intact	0.02	mg/cm ²
3rd Floor	Wall	Ceramic	White	Intact	0.02	mg/cm ²
3rd Floor	Window Grid	Wood	White	Intact	0.01	mg/cm ²
2nd Floor	Sink	Porcelain	White	Intact	6.2	mg/cm²
2nd Floor	Door Frame	Metal	White	Intact	0.01	mg/cm ²
2nd Floor	Window Sill	Wood	White	Intact	0.02	mg/cm ²
3rd Floor	Window Sill	Wood	White	Intact	0.03	mg/cm ²
3rd Floor	Door Frame	Metal	White	Intact	0.01	mg/cm ²
3rd Floor	Sink	Porcelain	White	Intact	6.4	mg/cm²
2nd Floor	Wall	Ceramic	Beige	Intact	0.01	mg/cm ²
3rd Floor	Door	Wood	White	Intact	0.03	mg/cm ²
2nd Floor	Shelf	Porcelain	White	Intact	7	mg/cm²
1st Floor	Door Frame	Metal	White	Intact	0.01	mg/cm ²
1st Floor	Window Sill	Wood	White	Intact	0.01	mg/cm ²
Outside	Column	Metal	Brown	Intact	0.3	mg/cm ²
Outside	Column	Metal	Brown	Intact	0.15	mg/cm ²
Outside	Case	Metal	Red	Intact	0.05	mg/cm ²
Outside	Column	Wood	Beige	Intact	0.01	mg/cm ²

Bold = Lead Based

XFR Lead Sample Locations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
609			SHUTTER_CAL					0.64	cps
610			CALIBRATE				Positive	1	mg/cm ²
611			CALIBRATE				Positive	1	mg/cm ²
632	LOWER RES_B	BOILER RM	WALL	DRYWALL	BEIGE	INTACT	Negative	0	mg/cm ²
633	LOWER RES_B	BOILER RM	TANK	METAL	RED	INTACT	Negative	0	mg/cm ²
634	LOWER RES_B	BOILER RM	DOOR FRAME	METAL	BEIGE	INTACT	Negative	0.01	mg/cm ²
635	LOWER RES_B	BOILER RM	DOOR	METAL	GRAY	INTACT	Negative	0	mg/cm ²
636	LOWER RES_B	BOILER RM	PIPE	METAL	BLACK	INTACT	Negative	0	mg/cm ²
637	LOWER RES_B	BOILER RM	BOILER	METAL	BLACK	INTACT	Negative	0	mg/cm ²
638	LOWER RES_B	BOILER RM	BOILER	METAL	BLUE	INTACT	Negative	0.01	mg/cm ²
639	LOWER RES_B	LAUNDRY RM	DOOR FRAME	METAL	BEIGE	INTACT	Negative	0.02	mg/cm ²
640	LOWER RES_B	LAUNDRY RM	DOOR	WOOD	BEIGE	INTACT	Negative	0.1	mg/cm ²
641	LOWER RES_B	LAUNDRY RM	WALL	DRYWALL	BEIGE	INTACT	Negative	0	mg/cm ²
642	LOWER RES_B	LAUNDRY RM	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
721			CALIBRATE				Positive	1	mg/cm ²
722			CALIBRATE				Positive	1	mg/cm ²
723			CALIBRATE				Positive	1.1	mg/cm ²
724	LOWER RES_B	3rd floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
725	LOWER RES_B	3rd floor	DOOR FRAME	DRYWALL	WHITE	INTACT	Negative	0.02	mg/cm ²
726	LOWER RES_B	3rd floor	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
727	LOWER RES_B	3rd floor	WALL	CERAMIC	WHITE	INTACT	Negative	0.02	mg/cm ²
728	LOWER RES_B	3rd floor	FLOOR	CERAMIC	BROWN	INTACT	Negative	0	mg/cm ²
729	LOWER RES_B	3rd floor	WINDOW GRID	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
730	LOWER RES_B	2nd floor	CABINET	METAL	RED	INTACT	Negative	0	mg/cm ²
731	LOWER RES_B	2nd floor	SINK	PORCELAIN	WHITE	INTACT	Positive	6.2	mg/cm ²

This data is a screening of lead levels and provides results that are generally representative of typical conditions, but are not inclusive of all painted/coated surfaces at the Project Site.

XFR Lead Sample Locations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
732	LOWER RES_B	2nd floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
733	LOWER RES_B	2nd floor	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
734	LOWER RES_B	2nd floor	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
735	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0.02	mg/cm ²
736	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
737	LOWER RES_B	3rd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
738	LOWER RES_B	3rd floor	CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
739	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
740	LOWER RES_B	1st floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
741	LOWER RES_B	1st floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
742	LOWER RES_B	3rd floor	VENT	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
744	LOWER RES_B	3rd floor	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
745	LOWER RES_B	3rd floor	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
746	LOWER RES_B	3rd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
747	LOWER RES_B	3rd floor	WALL	CERAMIC	WHITE	INTACT	Negative	0	mg/cm ²
748	LOWER RES_B	3rd floor	SINK	PORCELAIN	WHITE	INTACT	Positive	6.4	mg/cm ²
749	LOWER RES_B	3rd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
750	LOWER RES_B	3rd floor	CABINET	METAL	RED	INTACT	Negative	0	mg/cm ²
751	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
752	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
753	LOWER RES_B	2nd floor	WALL	CERAMIC	BEIGE	INTACT	Negative	0.01	mg/cm ²
754	LOWER RES_B	2nd floor	WALL	CERAMIC	TAN	INTACT	Negative	0	mg/cm ²
755	LOWER RES_B	2nd floor	FLOOR	CERAMIC	TAN	INTACT	Negative	0	mg/cm ²
756	LOWER RES_B	2nd floor	CEILING	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
757	LOWER RES_B	2nd floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²

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XFR Lead Sample ocations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
758	LOWER RES_B	1st floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
759	LOWER RES_B	3rd floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
760	LOWER RES_B	3rd floor	CABINET	METAL	RED	INTACT	Negative	0	mg/cm ²
761	LOWER RES_B	3rd floor	WALL	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
762	LOWER RES_B	3rd floor	FLOOR	CERAMIC	BEIGE	INTACT	Negative	0	mg/cm ²
764	LOWER RES_B	3rd floor	DOOR FRAME	METAL	WHITE	INTACT	Negative	0	mg/cm ²
765	LOWER RES_B	3rd floor	DOOR	WOOD	WHITE	INTACT	Negative	0.03	mg/cm ²
766	LOWER RES_B	3rd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
767	LOWER RES_B	3rd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
768	LOWER RES_B	3rd floor	BOILER	METAL	RED	INTACT	Negative	0	mg/cm ²
769	LOWER RES_B	2nd floor	CABINET	METAL	RED	INTACT	Negative	0	mg/cm ²
770	LOWER RES_B	2nd floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
771	LOWER RES_B	2nd floor	SHELF	PORCELAIN	WHITE	INTACT	Positive	7	mg/cm ²
772	LOWER RES_B	1st floor	WALL	DRYWALL	WHITE	INTACT	Negative	0	mg/cm ²
774	LOWER RES_B	1st floor	DOOR FRAME	METAL	WHITE	INTACT	Negative	0.01	mg/cm ²
775	LOWER RES_B	1st floor	DOOR	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
776	LOWER RES_B	1st floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0.01	mg/cm ²
777	LOWER RES_B	1st floor	WINDOW SILL	WOOD	WHITE	INTACT	Negative	0	mg/cm ²
778			CALIBRATE				Positive	1	mg/cm ²
780			CALIBRATE				Negative	0.8	mg/cm ²
781			CALIBRATE				Positive	1.1	mg/cm ²

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XFR Lead Sample ocations

READING NO.	BUILDING	ROOM	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULTS	PbC	UNITS
1			SHUTTER_CAL					0.72	cps
2			CALIBRATE				Positive	1	mg/cm ²
3			CALIBRATE				Positive	1.1	mg/cm ²
4			CALIBRATE				Positive	1.1	mg/cm ²
66	LOWER RES B	OUTSIDE	WALL	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
67	LOWER RES B	OUTSIDE	DOOR FRAME	METAL	BROWN	INTACT	Negative	0	mg/cm ²
70	LOWER RES B	OUTSIDE	COLUMN	METAL	BROWN	INTACT	Negative	0.3	mg/cm ²
71	LOWER RES B	OUTSIDE	PIPE	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
73	LOWER RES B	OUTSIDE	COLUMN	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
75	LOWER RES B	OUTSIDE	WALL	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
76	LOWER RES B	OUTSIDE	WALL	WOOD	BEIGE	INTACT	Negative	0	mg/cm ²
77	LOWER RES B	OUTSIDE	COLUMN	METAL	BROWN	INTACT	Negative	0.15	mg/cm ²
78	LOWER RES B	OUTSIDE	DOOR FRAME	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
79	LOWER RES B	OUTSIDE	DOOR	METAL	BROWN	INTACT	Negative	0	mg/cm ²
80	LOWER RES B	OUTSIDE	CASE	METAL	RED	INTACT	Negative	0.05	mg/cm ²
81	LOWER RES B	OUTSIDE	PIPE	METAL	BEIGE	INTACT	Negative	0	mg/cm ²
82	LOWER RES B	OUTSIDE	COLUMN	WOOD	BEIGE	INTACT	Negative	0.01	mg/cm ²
83	LOWER RES B	OUTSIDE	WALL	WOOD	BROWN	INTACT	Negative	0	mg/cm ²
105			CALIBRATE				Positive	1	mg/cm ²
112			CALIBRATE				Positive	1.1	mg/cm ²
113			CALIBRATE				Positive	1	mg/cm ²
114			CALIBRATE				Positive	1.2	mg/cm ²

The above list are ALL the materials sampled and tested by XRF for lead. The positive materials are in red. The non-detect samples for lead materials are in black. If you cannot positively identify the material you need to impact through the above inventory, do not disturb and contact EH&S for further sampling or guidance. The materials not listed were not sampled and must be assumed lead containing until proven not by testing.

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