

LEAD BASED PAINT INSPECTION REPORT

CDT Maunabo

Prepared for:

DEPARTAMENTO DE
SALUD



Maunabo, Puerto Rico

Prepared by:
CMA Architects & Engineers LLC

May 9, 2022

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1.0 INTRODUCTION

An environmental survey for Lead Based Paint (LBP) Components was conducted by Puerto Rico Department of Natural and Environmental Resources (DNER) Certified Lead Inspectors. The survey was conducted on May 3, 4 and 6, 2022, at the CDT Maunabo, Puerto Rico. This structure was impacted by Hurricane Maria in 2017, since then it was abandoned. **Figure Number 1** show an aerial photo of the inspected areas.

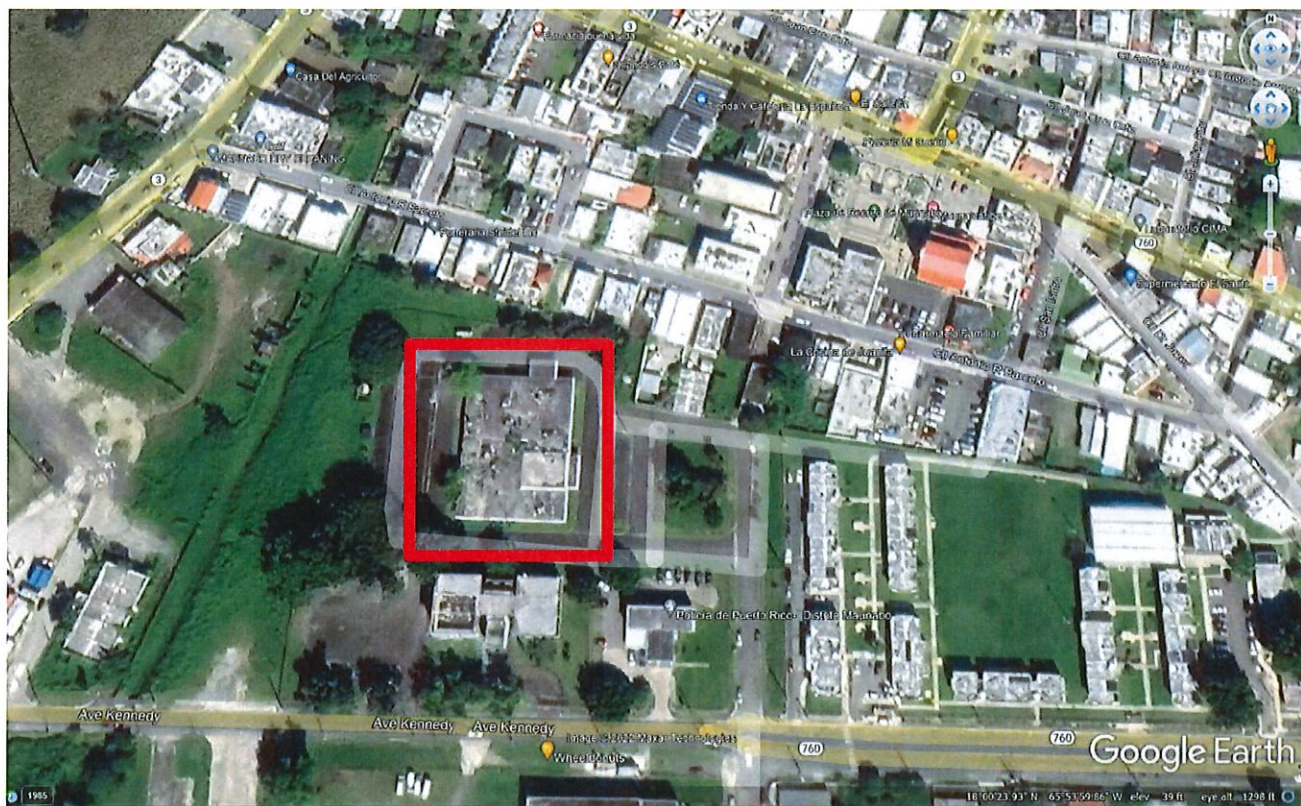


Figure Number 1 – Aerial Photo

For LBP, the survey was conducted using an XRF instrument and paint chips samples. For the site inspection a Heuresis Pb200i XRF was used. the hazard level of lead in paint has been determined by the department of Housing Urban Development (HUD) guidelines, as equal to or exceeding 1.0 milligrams per square centimeter (mg/cm²) measured using XRF or 0.5% by weight (or 5,000 ppm) as measured by Atomic Absorption Spectrometry (AAS), or Inductive Coupled Plasma (ICP) by Environmental Certified Laboratory.

The same hazard level was adopted by EPA regulations published in 1992, under Title X and by the Environmental Quality Board. Copies of the XRF training certificates and Performance Characteristics Sheet (PCS) are included as **Appendix A**.

The purpose of this inspection was identified and assess all painted components of the CDT Maunabo structure. The intent of this inspection was ascertaining the presence of lead-based paint above specified regulatory levels. If LBP is found, the inspection will identify the components, the area, and their respective lead concentrations in such a manner that this report could be used as a basis for subsequent abatement activity.

This document was prepared for the sole use by Puerto Rico Health Department (PRHD). No other party should rely on the information contained herein without prior written consent of PRHD. The scope of services, inspection methodology, and results are presented below.

2.0 TESTING / SAMPLING PROCEDURES

During the process of evaluation, the presence of lead in the project was determined using an XRF detector. XRF (X-ray fluorescence) is a non-destructive analytical technique used to determine the elemental composition of materials. XRF analyzers determine the chemistry of a sample by measuring the fluorescent (or secondary) X-ray emitted from a sample when it is excited by a primary X-ray source.

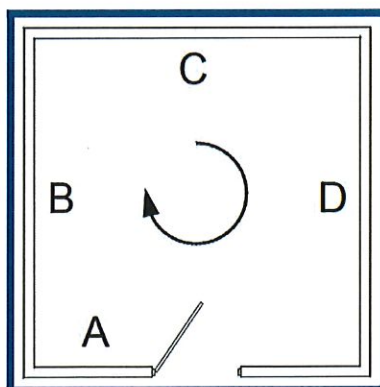
During the process of evaluation, if is necessary, the inspector collects paint chips samples from the positive areas. These paint chips are packed inside plastic bags and identified with the sample number, date, and time. After each sampling, the CMA inspector completes the chain of custody and submits the samples to the laboratory analysis.

Prior to the sampling, CMA obtained an aerial photo to determine the exterior areas that need to be inspected and a drawing with all the internal divisions of the building. We include as **Appendix B** copy of these layout plan drawings.

The main steps involved in lead-based paint inspection are:

- A. Perform inventory of all testing combinations.
- B. Select painted area to be tested.
- C. Perform the XRF testing including the calibration.
- D. Evaluate and classify the data.

XRF sampling at rooms is conducted following the order shown at the following picture:



The following photos show typical inspected areas.



Photo Number 1 –Interior walls



Photo Number 2 – Exterior Walls



Photo Number 3 – Doors

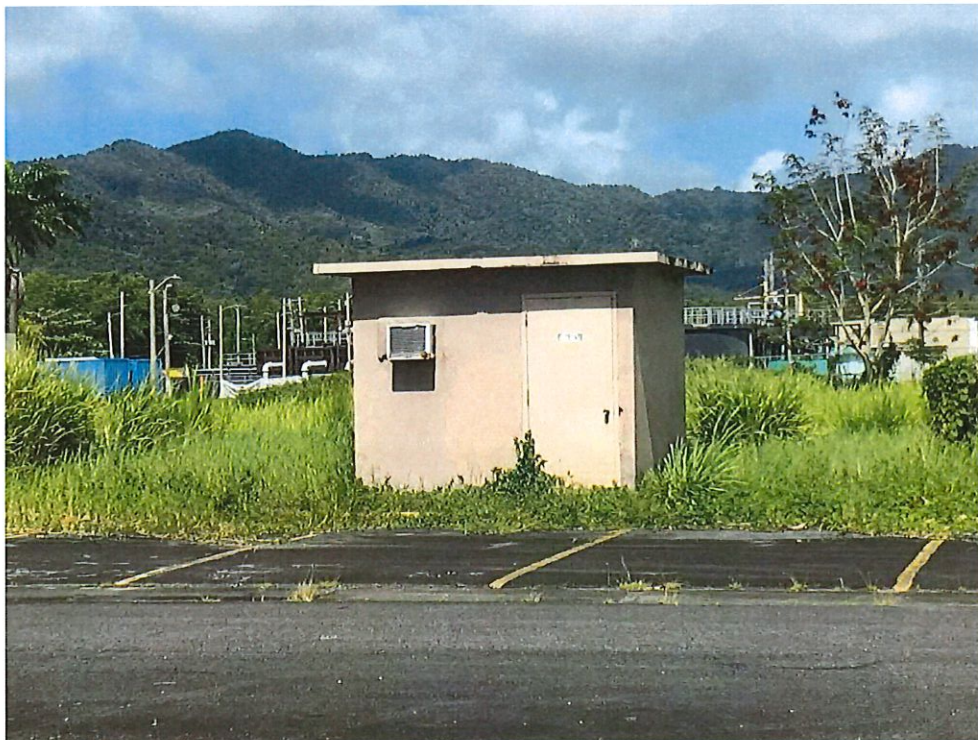


Photo Number 4 – Satellite Buildings



Photo Number 5 – Satellite Buildings (Garbage Station)

3.0 INSPECTION RESULTS FOR LEAD BASED PAINT

A total of six-hundred seventy-three (673) XRF testing combinations were obtained at different elements of the existing building and external surfaces. Of these, positive results were obtained at the concrete slab, bollards, stairs, and handrail tank at the exterior building area. In the interior building area, positive results were obtained at the restroom ceramic walls, and some metal panels interior walls. A positive result is one with a concentration of more than 1.0 mg/cm².

A total of three (3) paint chips samples were obtained at different elements of the interior X-Ray room doors and walls. Of these, no samples found to contain more than 1.0 mg/cm² or 0.5% wt. and is considered to be positive for lead under current regulation. The negative results in the paint chips samples, can be considered that the X-ray rooms positives reading by the XRF, are related to some protective coating due to the activities accomplish in those rooms. See **Appendix B** for a site plan depicting the LBP positive areas and photos. **Appendix C** shows the results of the XRF LBP sampling and samples laboratory results and chains of custody.

The following areas reported positive results:

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
X-Ray room	A	Door Exterior	3.7	8C PLAN III	7
X-Ray room	D	Door Interior	3.5	8C PLAN III	8
X-Ray room	A	Wall Interior	15.2	8C PLAN III	9
X-Ray room	B	Wall Interior	14.3	8C PLAN III	9
X-Ray room	C	Wall Interior	14.1	8C PLAN III	10
X-Ray room	D	Wall Interior	15.4	8C PLAN III	10
Sub- Waiting room	A	Wall Interior	2.8	PLAN III	11
Dark room	C	Wall Interior	22.1	8B PLAN III	12
Work Area	D	Wall Interior	6.8	6C PLAN III	13
Work Area	D	Wall Interior	6.5	6C PLAN III	13

Table Number 1. XRF LBP Positive CDT Maunabo Elements

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
Restrooms	A	Ceramic Tile Wall	3.1	4D PLAN III	14
Restrooms	B	Ceramic Tile Wall	3.2	4D PLAN III	15
Restrooms	C	Ceramic Tile Wall	3.5	4D PLAN III	14
Restrooms	D	Ceramic Tile Wall	3.2	4D PLAN III	15
Restrooms	A	Ceramic Tile Wall	3.5	5D PLAN III	14
Restrooms	B	Ceramic Tile Wall	3.3	5D PLAN III	15
Restrooms	C	Ceramic Tile Wall	3.3	5D PLAN III	15
Restrooms	D	Ceramic Tile Wall	3.5	5D PLAN III	15
Restrooms	A	Ceramic Tile Wall	3.2	82D PLAN III	14
Restrooms	B	Ceramic Tile Wall	2.9	82D PLAN III	15
Restrooms	C	Ceramic Tile Wall	2.8	82D PLAN III	15
Restrooms	D	Ceramic Tile Wall	3.4	82D PLAN III	15
Exam & Treat	A	Wall Interior	3.8	83C PLAN III	16
Restrooms	A	Ceramic Tile Wall	2.8	80D PLAN III	14
Restrooms	B	Ceramic Tile Wall	2.8	80D PLAN III	15
Restrooms	C	Ceramic Tile Wall	3.3	80D PLAN III	15
Restrooms	D	Ceramic Tile Wall	3.3	80D PLAN III	15
Restrooms	B	Ceramic Tile Wall	3.2	69D PLAN III	15
Restrooms	C	Ceramic Tile Wall	3.4	69D PLAN III	15
Restrooms	D	Ceramic Tile Wall	3.1	69D PLAN III	15
Exam & Treat	A	Wall Interior	5.7	71C PLAN IV	17
Exam & Treat	A	Wall Interior	5.9	70C PLAN IV	18

Table Number 1. XRF LBP Positive CDT Maunabo Elements

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
Clean Util	A	Wall Interior	4.9	57F PLAN IV	19
Jan	A	Wall Interior	3.4	58D PLAN IV	20
Jan	B	Wall Interior	3.1	58D PLAN IV	20
Jan	C	Wall Interior	3.1	58D PLAN IV	20
Soiled Util	A	Wall Interior	5.2	59F PLAN IV	21
Emergency room	B	Ceramic Tile Wall	3.1	60H PLAN IV	22
Emergency room	C	Ceramic Tile Wall	2.6	60H PLAN IV	22
Emergency room	D	Ceramic Tile Wall	7.1	60H PLAN IV	22
Restrooms	A	Ceramic Tile Wall	3.4	63D PLAN IV	14
Restrooms	B	Ceramic Tile Wall	3.3	63D PLAN IV	15
Restrooms	C	Ceramic Tile Wall	3.5	63D PLAN IV	15
Restrooms	D	Ceramic Tile Wall	2.9	63D PLAN IV	15
Restrooms	A	Ceramic Tile Wall	2.9	54D PLAN IV	14
Restrooms	B	Ceramic Tile Wall	3.6	54D PLAN IV	15
Restrooms	C	Ceramic Tile Wall	2.5	54D PLAN IV	15
Restrooms	D	Ceramic Tile Wall	3.4	54D PLAN IV	15
Restrooms	A	Ceramic Tile Wall	3.4	53D PLAN IV	14
Restrooms	B	Ceramic Tile Wall	3.3	53D PLAN IV	15
Restrooms	C	Ceramic Tile Wall	3.5	53D PLAN IV	15
Restrooms	D	Ceramic Tile Wall	3.3	53D PLAN IV	15
Restrooms	A	Ceramic Tile Wall	2.5	50A PLAN IV	14
Restrooms	B	Ceramic Tile Wall	3.5	50A PLAN IV	15

Table Number 1. XRF LBP Positive CDT Maunabo Elements

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
Restrooms	C	Ceramic Tile Wall	3.3	50A PLAN IV	15
Restrooms	D	Ceramic Tile Wall	3.3	50A PLAN IV	15
X-Ray room	A	Wall Interior	15.8	50F PLAN II	23
X-Ray room	A	Door Frame	5.0	50F PLAN II	24
X-Ray room	A	Door Interior	4.1	50F PLAN II	24
X-Ray room	B	Wall Interior	14.9	50F PLAN II	25
X-Ray room	C	Wall Interior	14.9	50F PLAN II	27
X-Ray room	D	Wall Interior	16.7	50F PLAN II	26
X-Ray room	C	Door Frame	10.2	50F PLAN II	28
X-Ray room	C	Door Interior	3.9	50F PLAN II	28
Restrooms	A	Wall Interior	1.5	52C PLAN II	15
Restrooms	B	Wall Interior	2.2	52C PLAN II	15
Control	D	Wall Interior	13.0	48F PLAN II	29
Restrooms	A	Ceramic Tile Wall	2.9	43D PLAN II	14
Restrooms	B	Ceramic Tile Wall	1.3	43D PLAN II	15
Restrooms	C	Ceramic Tile Wall	2.6	43D PLAN II	15
Restrooms	A	Ceramic Tile Wall	1.1	41D PLAN II	14
Restrooms	B	Ceramic Tile Wall	2.9	41D PLAN II	15
Restrooms	C	Ceramic Tile Wall	2.5	41D PLAN II	15
Restrooms	A	Ceramic Tile Wall	3.1	39D PLAN II	14
Restrooms	B	Ceramic Tile Wall	2.9	39D PLAN II	15
Restrooms	C	Ceramic Tile Wall	1.3	39D PLAN II	15
Restrooms	D	Ceramic Tile Wall	2.0	39D PLAN II	15

Table Number 1. XRF LBP Positive CDT Maunabo Elements

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
Restrooms	A	Ceramic Tile Wall	1.5	40D PLAN II	14
Restrooms	B	Ceramic Tile Wall	2.2	40D PLAN II	15
Restrooms	C	Ceramic Tile Wall	2.6	40D PLAN II	15
Restrooms	D	Ceramic Tile Wall	1.2	40D PLAN II	15
Soiled Linen	A	Wall Interior	3.0	37C PLAN II	30
Restrooms	A	Ceramic Tile Wall	1.2	89D PLAN II	14
Restrooms	B	Ceramic Tile Wall	2.9	89D PLAN II	15
Restrooms	C	Ceramic Tile Wall	1.5	89D PLAN II	15
Restrooms	D	Ceramic Tile Wall	2.6	89D PLAN II	15
Restrooms	A	Ceramic Tile Wall	3.0	26D PLAN II	14
Restrooms	B	Ceramic Tile Wall	1.2	26D PLAN II	15
Restrooms	C	Ceramic Tile Wall	1.6	26D PLAN II	15
Restrooms	D	Ceramic Tile Wall	2.6	26D PLAN II	15
Restrooms	A	Ceramic Tile Wall	1.6	27D PLAN II	14
Restrooms	B	Ceramic Tile Wall	2.0	27D PLAN II	15
Restrooms	C	Ceramic Tile Wall	1.5	27D PLAN II	15
Restrooms	D	Ceramic Tile Wall	1.6	27D PLAN II	15
Loading Platform	A	Wall Interior	4.7	26E PLAN II	31
Building exterior	A	Stairs	4.3	SITE PLAN	32
Building exterior	A	Handrail	4.0	SITE PLAN	33
Building exterior	A	Electric Transformer Slab	3.6	SITE PLAN	34
Building exterior	A	Electric Transformer Slab	3.0	SITE PLAN	35

Table Number 1. XRF LBP Positive CDT Maunabo Elements

Room	Side	Inspected Element	XRF Result mg/cm ²	Location Key Plan Drawings	Photo No.
Building exterior	A	Parking Bollard	2.1	SITE PLAN	36
Building exterior	A	Parking Bollard	1.5	SITE PLAN	37

Table Number 2: Paint Chips Laboratory Results Summary Building Job ID: B22050125

CMA No. 20031			LBP Inspector: Pedro A. Janer ¹ Juan A. Fernández		
Date of Inspection: May 6, 2022			Date of Results: May 10, 2022		
Sample ID	Functional Space	Location	Color/Substrate	Laboratory Result w%	Positive/ Negative
P-1	Door Wall	Clinical Dental X-Ray Room	Gray/Wood	0.043	Negative
P-2	Wall Interior	Clinical Dental Work Area	Blue/Metal	<0.010	Negative
P-3	Door Wall	X-Ray Room	Gray-yellow/Wood	0.047	Negative

¹ LBP Inspector Credential is included as Appendix D.

LBP positive testing combinations are shown at the following photos.



Photo Number 6 – X-Ray room Clinical Dental Wall



Photo Number 7 – Door X-Ray Room Clinical Dental



Photo Number 8 – Door X-Ray Room Clinical Dental

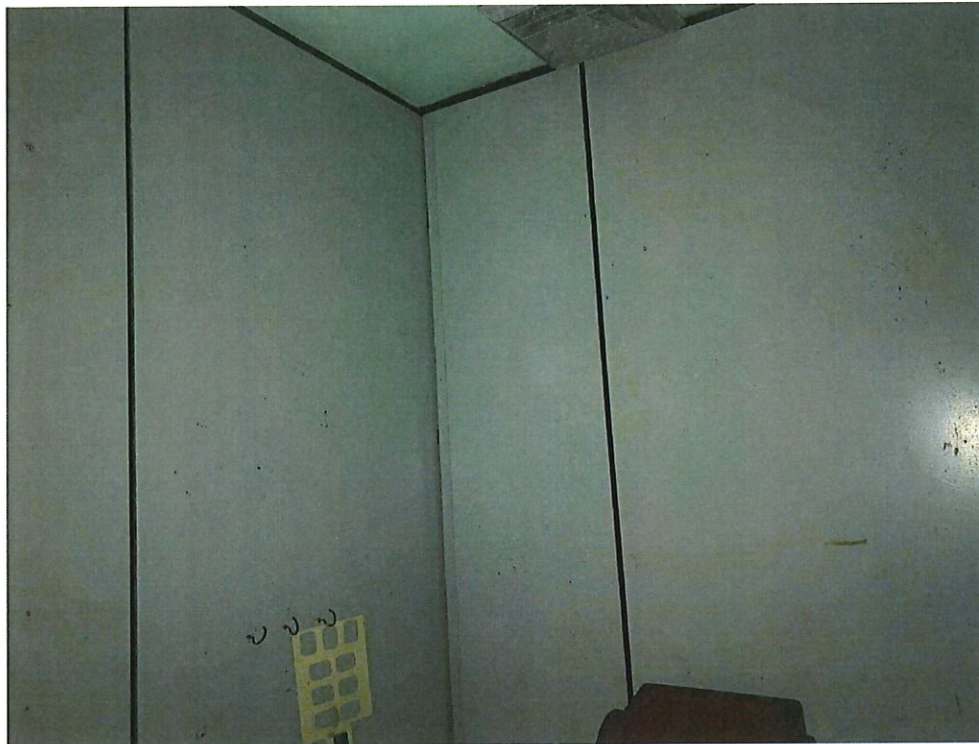


Photo Number 9 – Wall Interior “A” and “B” X-Ray Room Clinical Dental

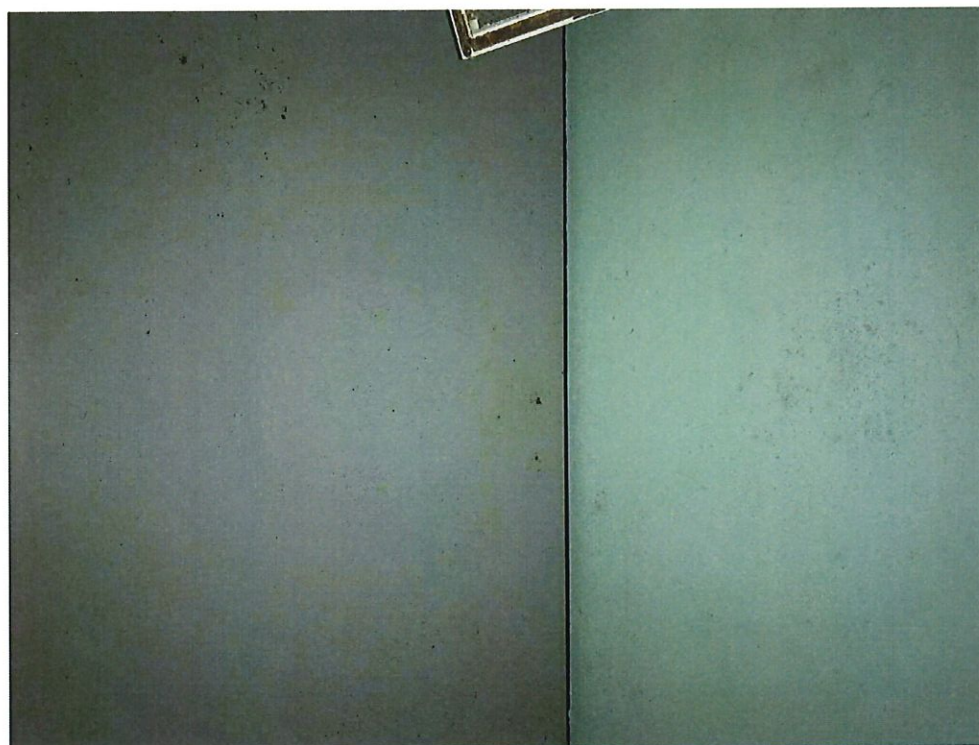


Photo Number 10 – Wall Interior “C” and “D” X-Ray Room Clinical Dental



Photo Number 11 – Wall Interior “A” Clinical Dental



Photo Number 12 – Wall Interior “C” Dark Room at the X-Ray Room Area



Photo Number 13 – Wall interior “D” Work Area



Photo Number 14 – Wall Interior Restrooms

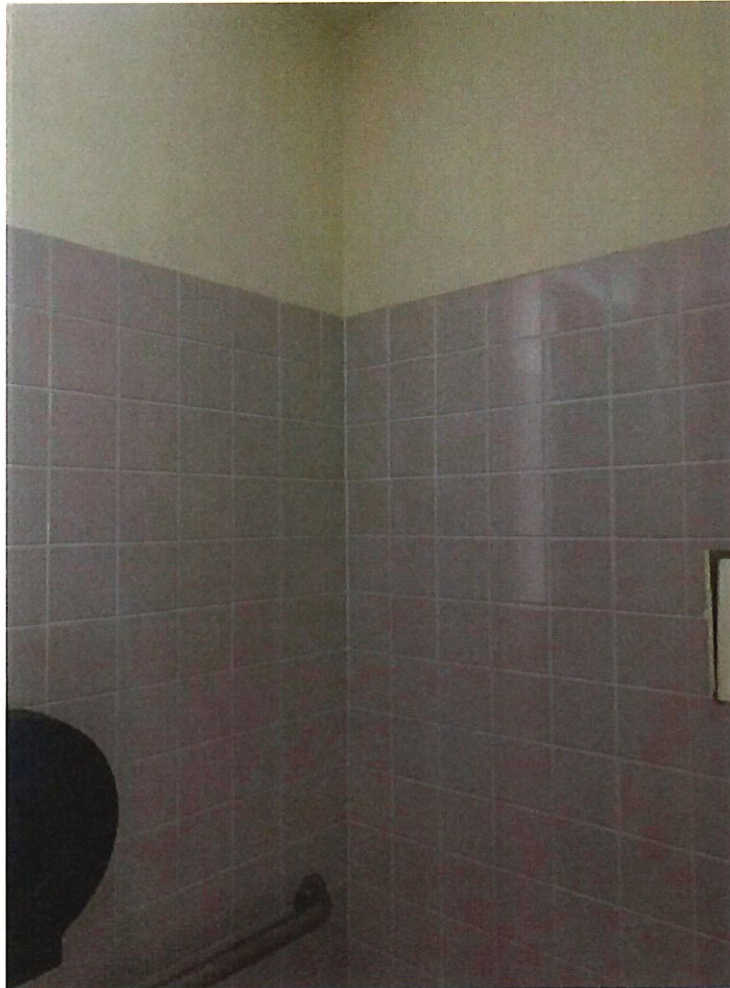


Photo Number 15 – Wall Interior Restrooms



Photo Number 16 – Wall Interior "A" Exam & Treatment Room (83C)



Photo Number 17 – Wall Interior "A" Exam & Treatment Room (71C)



Photo Number 18 – Wall Interior “A” Exam & Treatment Room (70C)



Photo Number 19 – Wall Interior “A” Clean Utility



Photo Number 20 – Wall Interior Jan (Janitor) Room 58D



Photo Number 21 – Wall Interior “A” Soiled Utility

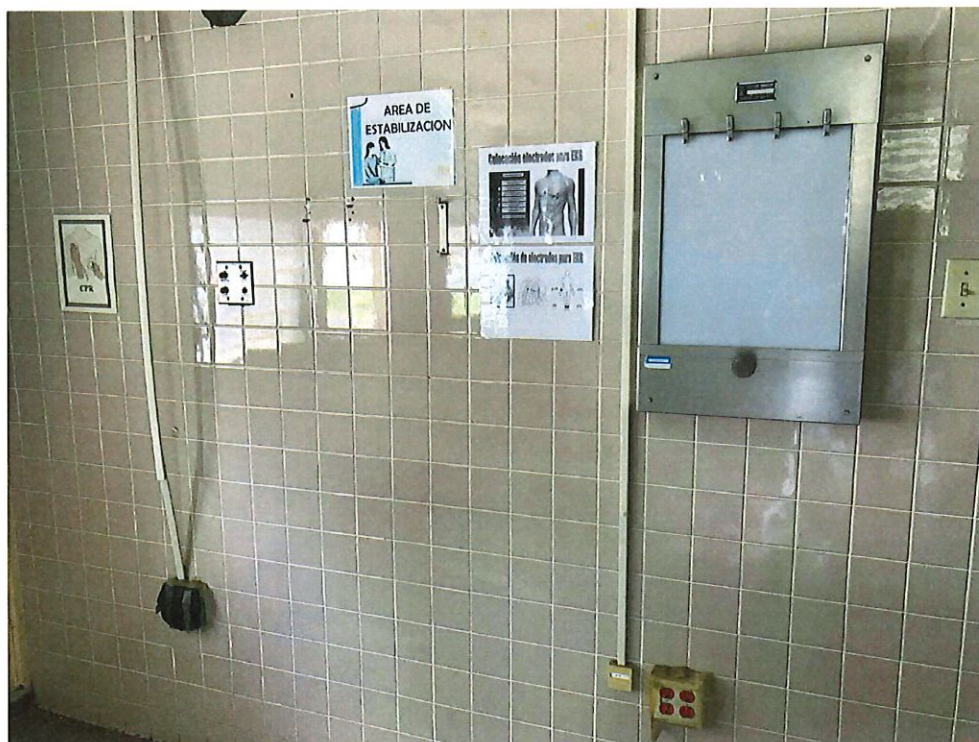


Photo Number 22 – Wall Interior Emergency Room



Photo Number 23 – Wall Interior “A” X-Ray Room



Photo Number 24 – Door Frame and Door Interior X-Ray Room



Photo Number 25 – Wall "B" Interior X-Ray Room



Photo Number 26 – Wall "D" Interior X-Ray Room



Photo Number 27 – Wall "C" Interior X-Ray Room



Photo Number 28 – Door Frame and Door Interior X-Ray Room



Photo Number 29 – Wall Interior Control X-Ray Room



Photo Number 30 – Wall Interior "A" Soiled Linen



Photo Number 31 – Wall Interior "A" Loading Platform



Photo Number 32 – Building Exterior Tank Stairs



Photo Number 33 – Building Exterior Tank Handrail



Photo Number 34 – Building Exterior Electric Transformer Slab



Photo Number 35 – Building Exterior Electric Transformer Slab



Photo Number 36 – Building Exterior Parking Bollard



Photo Number 37 – Building Exterior Parking Bollard

5.0 CONCLUSIONS

An LBP inspection was conducted for a site located at CDT building located at Kennedy Ave. (PR-760) in the municipality of Maunabo. Several of the 673 surveyed painted surfaces contains levels of lead over 1.0 mg/cm², which could create lead dust, or lead contaminated soil hazards if the paint is turned into dust by abrasion, scraping, or sanding.

Positive LBP components are those that has a lead concentration equal to or exceeding 1.0 milligrams per square centimeter (mg/cm²), as measured by XFR. Encountered positive components are building exterior is the generator base, stairs, handrail, and bollard. Inside the building the positive components were ceramic walls, internal doors, door frames and internal walls of the X-ray room, and several metal panels internal walls of rooms. However, the result of lead on the walls of the X-ray room is due to the protective metal sheet inside the walls. The others negative results in this report do not relieve the owner and/or contractor of the compliance with state and federal the occupational regulations.

The LBP shall be removed prior to start the construction activity. The LBP abatement shall be carried out by a Licensed LBP Contractor with Certified LBP Supervisors and Workers. In addition, it is the responsibility of the contractor to confirm the area of the LBP surfaces before any quotation.

The results and opinions in this report; based solely on the conditions found at the project on the date of the evaluation, are valid only on that date. The inspector assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at this residence beyond the date of the project evaluation.

6.0 INSPECTION CERTIFICATION

CMA Architects & Engineers LLC has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The inspection was conducted on May 3, 4, and 6, 2022 by Pedro A. Janer, state-certified lead inspector LPBI-29421-334, qualified by experience, education, and training in the recognition of lead-based paint and approved sampling techniques using the Heuresis Pb200i, XRF, Serial Number 2249.

Pedro A. Janer
Lead Based Paint Certified Inspector
LPBI-29421-334

Appendix A

XRF Training Certificate / Performance Characteristics Sheet

Certificate of Training

Has completed the Heuresis Corp. training materials presented on the topic of Instrument Operator Training, Pb200i, with regards to the materials licensed by the Commonwealth of Massachusetts and the Nuclear Regulatory Commission.



Instrument Operator Training Heuresis Corporation, Pb200i

I confirm that the above named individual has received the training listed on this certificate.

A handwritten signature in black ink, appearing to read "Adam Robison".

Adam Robison
Name

Senior Director of Sales
Title

October 18th, 2019
Date



I certify that I have received the stated training and understand the content presented. I understand that I can follow up this training with questions from Heuresis Corporation.

Juan Fernandez
Name

October 18th, 2019
Date

Performance Characteristic Sheet

EFFECTIVE DATE: December 1, 2015

MANUFACTURER AND MODEL:

Make: *Heuresis*
Models: *Model Pb200i*
Source: *⁵⁷Co, 5 mCi (nominal – new source)*

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm ² (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm² for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm² at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm². Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.

Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.

For each substrate type (the 1.02 mg/cm² NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):

$$\text{Correction value} = (1\text{st} + 2\text{nd} + 3\text{rd} + 4\text{th} + 5\text{th} + 6\text{th Reading})/6 - 1.02 \text{ mg/cm}^2$$

Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm². The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm ²)	Mean Reading Time (seconds)	Standard Deviation (seconds)
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm²), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at <http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997>.

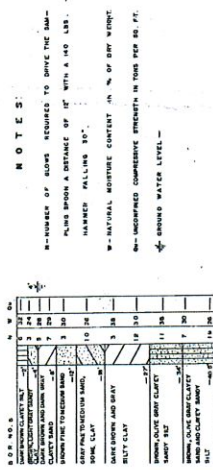
This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Appendix B

Layout Plan Drawings

DEPARTMENT OF HEALTH
COMMONWEALTH OF PUERTO RICO
DIAGNOSTIC & TREATMENT
CENTER, MAUNABO, P.R.

BORING LOGS



NOTES:

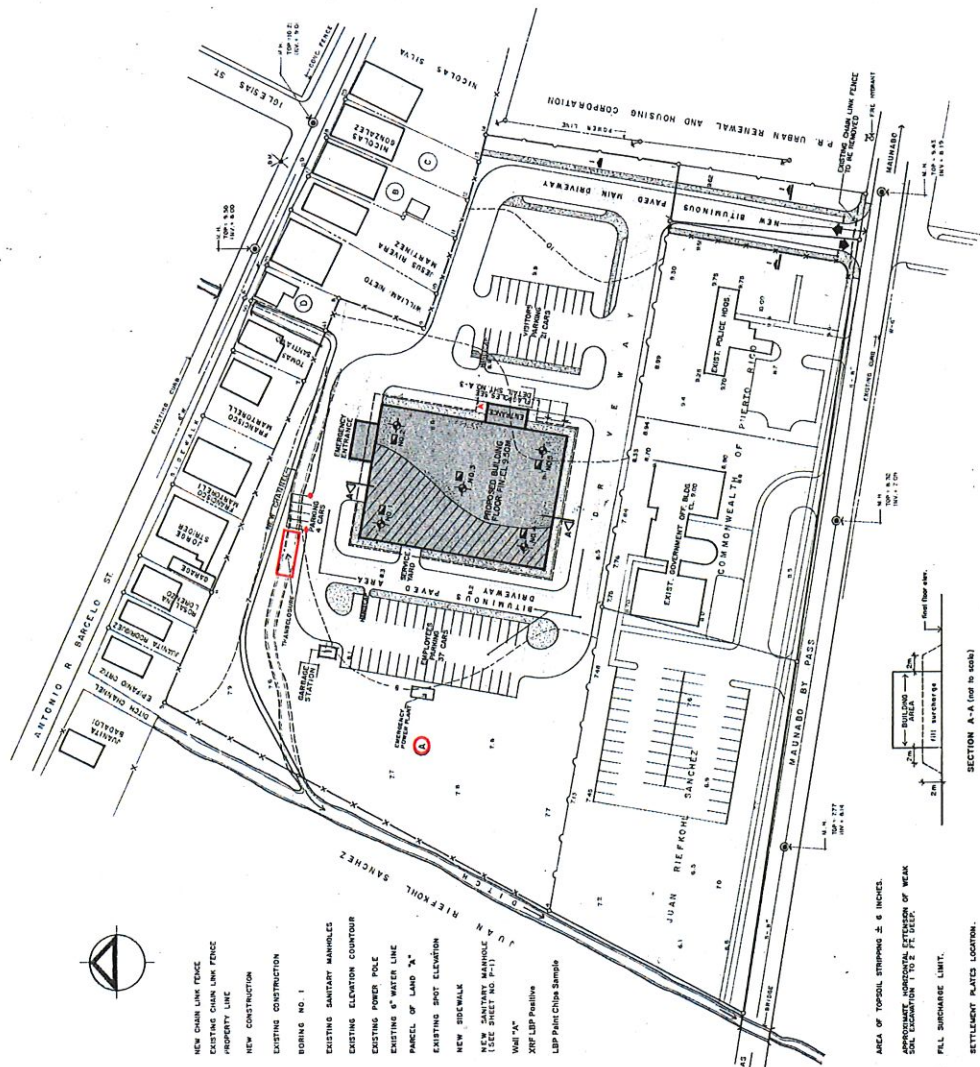
- 1. NUMBER OF SOILS REQUIRED TO DRIVE THE DAM - PLUS FROM A DISTANCE OF 10' WITH A 140 LBS. HAMMER FALLING 15'.
- 2. NATURAL BOTTLE CAPACITY IN % OF SOIL WEIGHT.
- 3. UNCOMPRESSED COMPRESSIVE STRENGTH IN TONS PER SQ. FT.
- 4. BORED WATER LEVEL.



TYPICAL STREET SECTION
SCALE: 1" = 10'

SECTION A-A (10' to 100')

SITE PLAN SCALE: 1" = 100'
(SEE SITE BLOW-UPS ON SHEETS NO. A-3 & NO. A-4)



- LEGEND:
- NEW CHAIN LINK FENCE
 - EXISTING CHAIN LINK FENCE
 - PROPERTY LINE
 - NEW CONSTRUCTION
 - EXISTING CONSTRUCTION
 - BORING NO. 1
 - EXISTING SANITARY MANHOLES
 - EXISTING ELEVATION COUNTER
 - EXISTING POWER POLE
 - EXISTING 6" WATER LINE
 - PARCEL OF LAND "A"
 - EXISTING SPOT ELEVATION
 - NEW SIDEWALK
 - NEW SANITARY MANHOLE (SEE SHEET NO. P-1)
 - NEW "X" XIP LIP Paving
 - LIP Paving Sample
 - AREA OF TOPSOIL STRIPPING ± 6 INCHES
 - APPROXIMATE HORIZONTAL EXTENSION OF WEAK SOIL LOCATIONS (15' to 25' FEET)
 - FILL DISCHARGE LIMIT
 - SETTLEMENT PLANTED LOCATION

LOCATION PLAN
SCALE: 1" = 100'

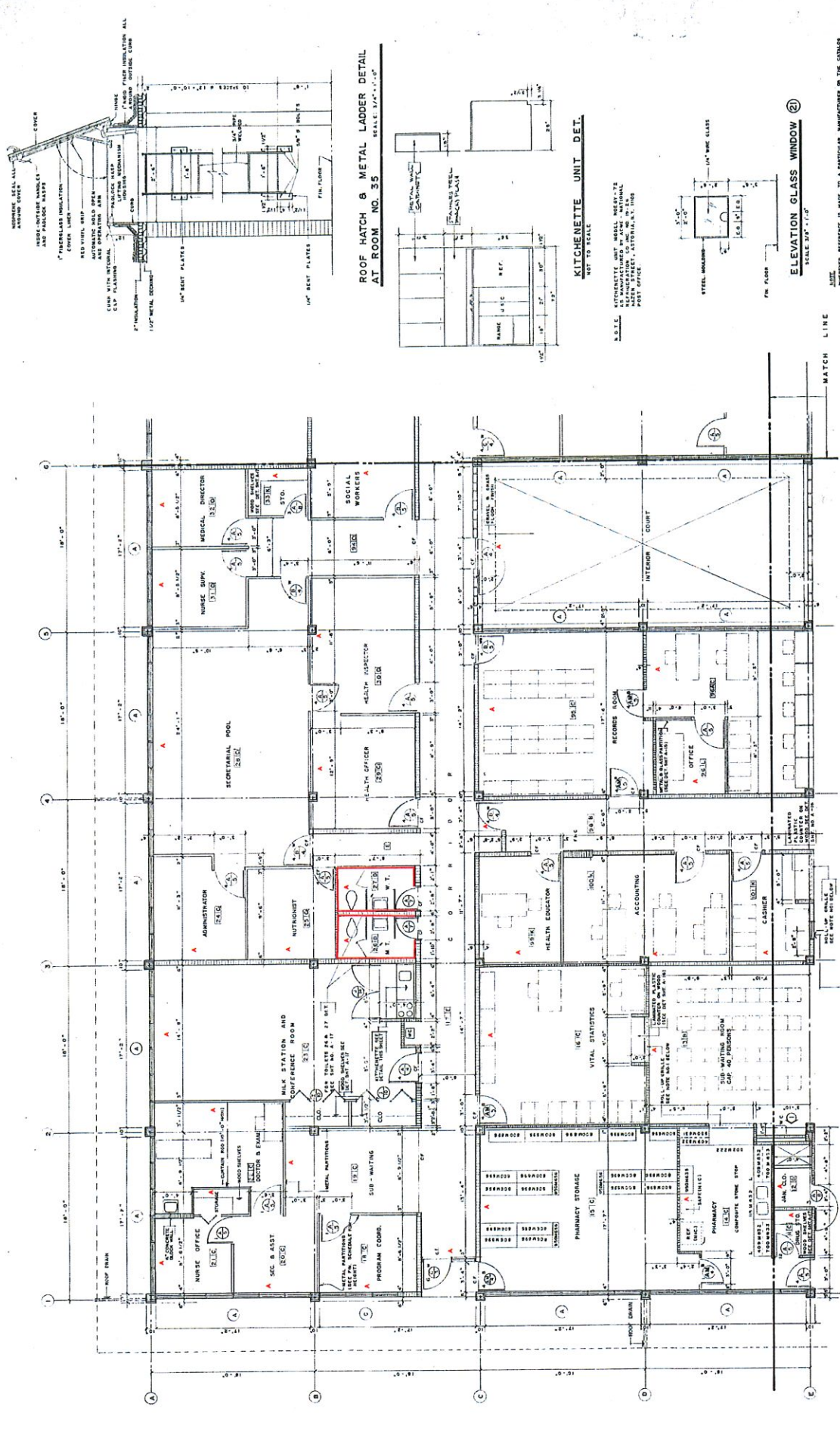
PARCEL "X" PROPERTY OF JUAN RIEFROHL SANCHEZ

CONTR.	CLASIFIC.	DESCRIPCION	DETA.	FECHA
1-2	1-2	1-2	1-2	1-2
1-3	1-3	1-3	1-3	1-3
1-4	1-4	1-4	1-4	1-4
1-5	1-5	1-5	1-5	1-5
1-6	1-6	1-6	1-6	1-6
1-7	1-7	1-7	1-7	1-7
1-8	1-8	1-8	1-8	1-8
1-9	1-9	1-9	1-9	1-9
1-10	1-10	1-10	1-10	1-10
1-11	1-11	1-11	1-11	1-11
1-12	1-12	1-12	1-12	1-12
1-13	1-13	1-13	1-13	1-13
1-14	1-14	1-14	1-14	1-14
1-15	1-15	1-15	1-15	1-15
1-16	1-16	1-16	1-16	1-16
1-17	1-17	1-17	1-17	1-17
1-18	1-18	1-18	1-18	1-18
1-19	1-19	1-19	1-19	1-19
1-20	1-20	1-20	1-20	1-20
1-21	1-21	1-21	1-21	1-21
1-22	1-22	1-22	1-22	1-22
1-23	1-23	1-23	1-23	1-23
1-24	1-24	1-24	1-24	1-24
1-25	1-25	1-25	1-25	1-25
1-26	1-26	1-26	1-26	1-26
1-27	1-27	1-27	1-27	1-27
1-28	1-28	1-28	1-28	1-28
1-29	1-29	1-29	1-29	1-29
1-30	1-30	1-30	1-30	1-30
1-31	1-31	1-31	1-31	1-31
1-32	1-32	1-32	1-32	1-32
1-33	1-33	1-33	1-33	1-33
1-34	1-34	1-34	1-34	1-34
1-35	1-35	1-35	1-35	1-35
1-36	1-36	1-36	1-36	1-36
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1-40	1-40	1-40	1-40	1-40
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1-44	1-44	1-44	1-44	1-44
1-45	1-45	1-45	1-45	1-45
1-46	1-46	1-46	1-46	1-46
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1-54	1-54	1-54	1-54	1-54
1-55	1-55	1-55	1-55	1-55
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1-74	1-74	1-74	1-74	1-74
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1-76	1-76	1-76	1-76	1-76
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1-97	1-97	1-97	1-97	1-97
1-98	1-98	1-98	1-98	1-98
1-99	1-99	1-99	1-99	1-99
1-100	1-100	1-100	1-100	1-100

AREA = 15,267.03 SQ. FT. ± 0.0003 CMA

PARCEL "Y" PROPERTY OF PURIFICACION DOMINGUEZ VIA MAURO

CONTR.	CLASIFIC.	DESCRIPCION	DETA.	FECHA
1-1	1-1	1-1	1-1	1-1
1-2	1-2	1-2	1-2	1-2
1-3	1-3	1-3	1-3	1-3
1-4	1-4	1-4	1-4	1-4
1-5	1-5	1-5	1-5	1-5
1-6	1-6	1-6	1-6	1-6
1-7	1-7	1-7	1-7	1-7
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1-9	1-9	1-9	1-9	1-9
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1-84	1-84	1-84	1-84	1-84
1-85	1-85	1-85	1-85	1-85
1-86	1-86	1-86	1-86	1-86
1-87	1-87	1-87	1-87	1-87



**PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.**

ELEVATION 1
SCALE: 1/4" = 1'-0"

ELEVATION GLASS WINDOW 2
SCALE: 1/4" = 1'-0"

KITCHENETTE UNIT DET.
SCALE: 1/4" = 1'-0"

ROOF HATCH & METAL LADDER DET.
AT ROOM NO. 35
SCALE: 1/4" = 1'-0"

KEY PLAN

LEGEND:
1. EAST WORK AREA
2. INSURANCE LOCK FOR SUB-CABINET DOOR OR DESIGN
3. CABINET MODEL NO.

ARCHITECTS:
LLENZA & LLENZA
ARCHITECTS

REFERENCE DATA

CAPACITY - 50 LB./HR.

BURNER INPUT-500,000 BTU./HR.

INTERNAL FLUE AREA-64 SQ IN

NATURAL DRAFT AND WASHER SYSTEM

NO. OF BURNERS (1) PRIMARY

- ① 1 1/2" mm LEAD LINING TO 7'-0" HIGH FROM FIN. FLOOR
- ② 1 1/2" mm LEAD LINED DOOR-& BUCK

PATHOLOGICAL INCINERATOR DETAIL

SCALE 1/2" = 1'-0"

NOTE: WHENEVER REFERENCE IS MADE TO A PARTICULAR MANUFACTURER OR THE CATALOG NUMBER OF ANY PARTICULAR MANUFACTURER IT IS UNDERSTOOD THAT SUCH REF. IS INTENDED TO BE DESCRIPTIVE OF THE TYPE OF PRODUCT AND NOT RESTRICTED TO ANY OTHER MANUFACTURER WHOSE PRODUCT IS ACCEPTABLE.

REV. NO.:	STAIR TO LOADING PLATFORM MOVED BACKWARD	- 15-74
	LOCATION OF ROOF DRAIN & SPLASH BLOCK LOCATED	- 15-74
	LOCATION OF GAS TANK FOR INCINERATOR	- 15-74

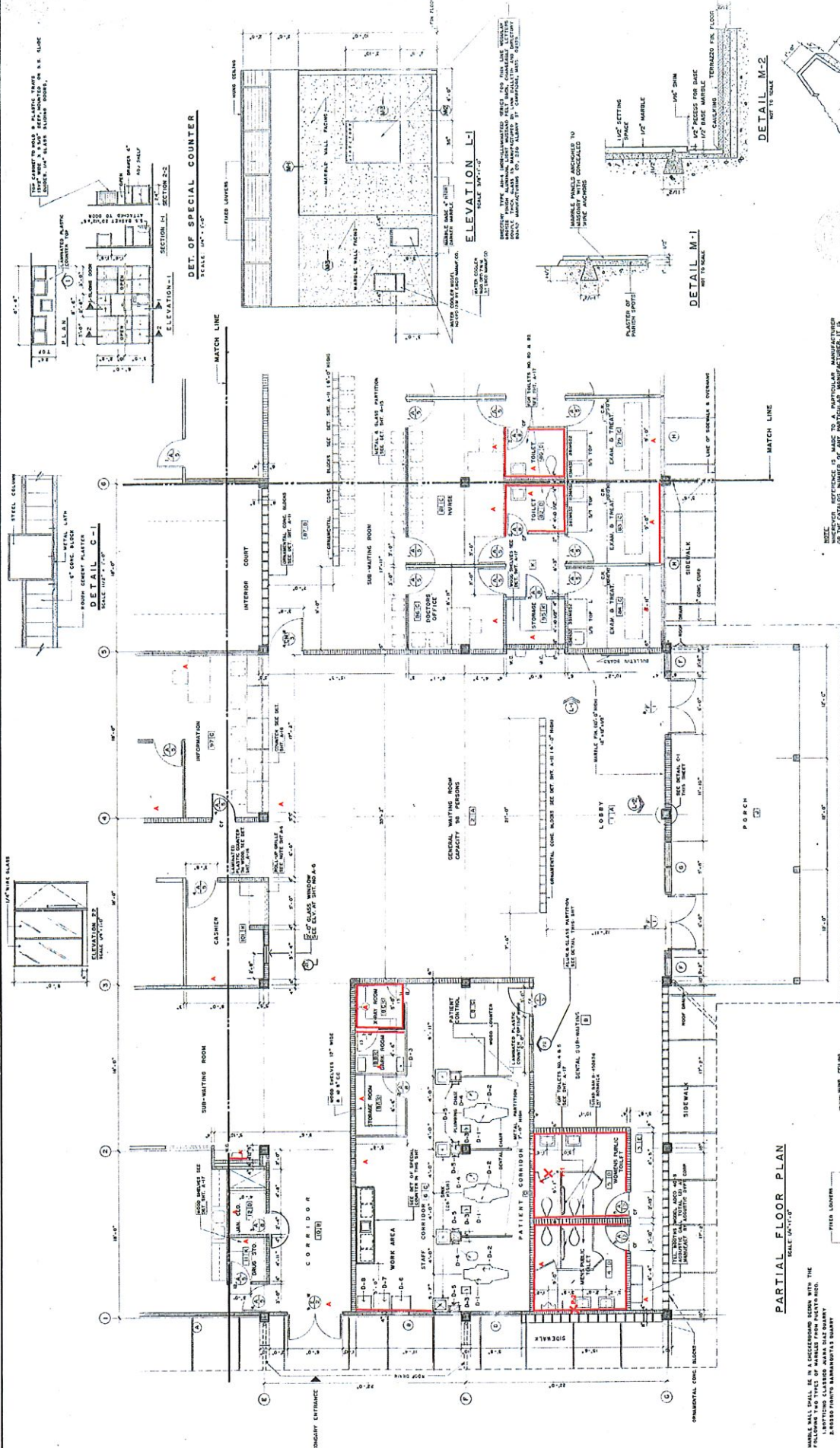
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

ELEVATION "CF"

MATCH L

KEY PLAN

LENZA & LENZA



PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

DETAIL M-1
SCALE 1/4" = 1'-0"

DETAIL M-2
SCALE 1/4" = 1'-0"

DETAIL M-3
SCALE 1/4" = 1'-0"

ELEVATION L-1
SCALE 1/4" = 1'-0"

ELEVATION L-2
SCALE 1/4" = 1'-0"

KEY PLAN

REVISIONS:

1. CHANGE IN COUNTER TOP
2. CHANGE IN COUNTER TOP
3. CHANGE IN COUNTER TOP
4. CHANGE IN COUNTER TOP
5. CHANGE IN COUNTER TOP
6. CHANGE IN COUNTER TOP
7. CHANGE IN COUNTER TOP
8. CHANGE IN COUNTER TOP

DETAIL M-1
SCALE 1/4" = 1'-0"

DETAIL M-2
SCALE 1/4" = 1'-0"

DETAIL M-3
SCALE 1/4" = 1'-0"

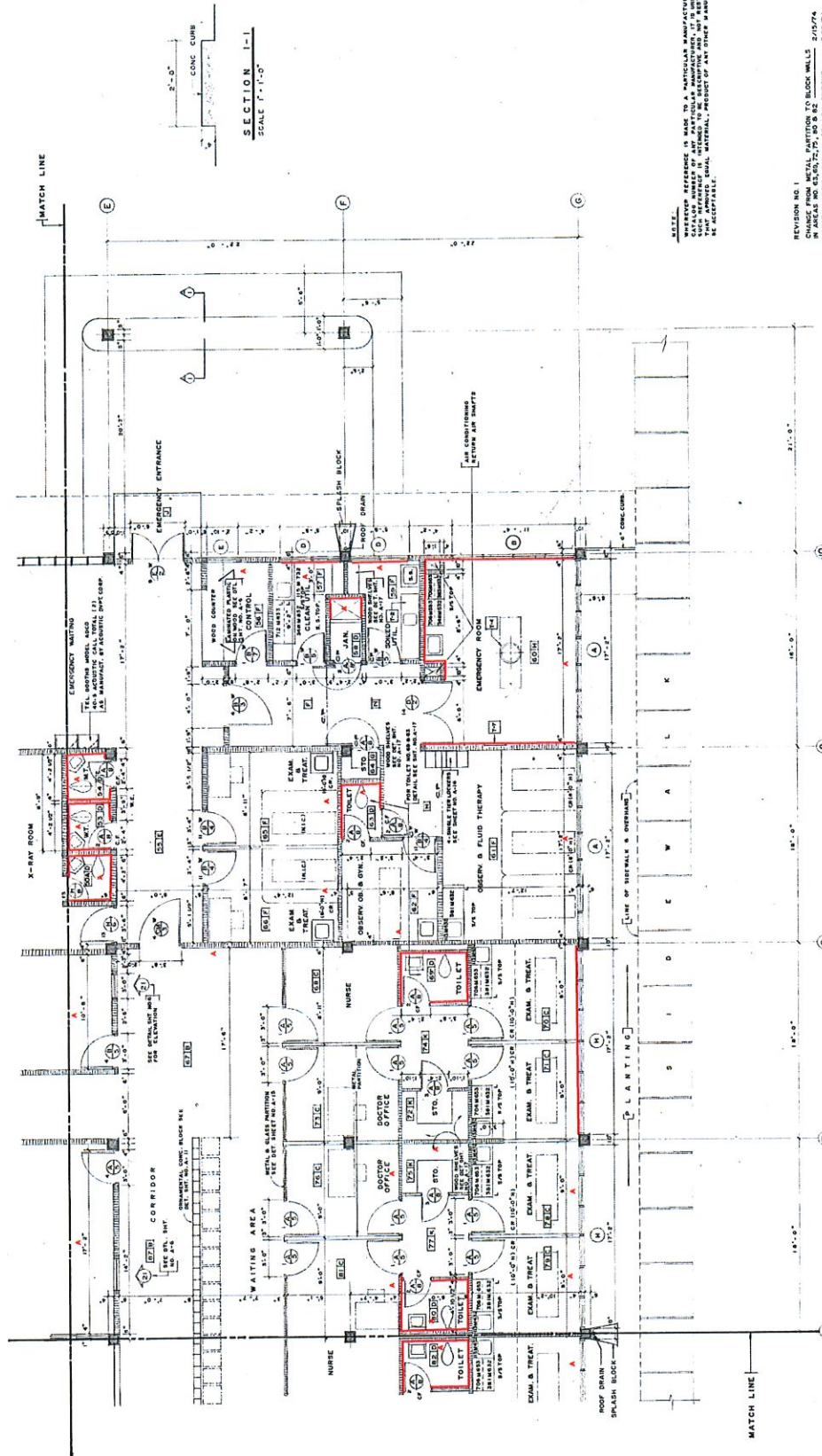
ELEVATION L-1
SCALE 1/4" = 1'-0"

ELEVATION L-2
SCALE 1/4" = 1'-0"

KEY PLAN

REVISIONS:

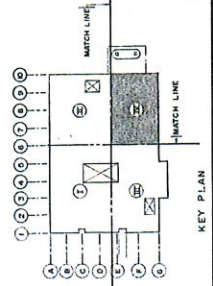
1. CHANGE IN COUNTER TOP
2. CHANGE IN COUNTER TOP
3. CHANGE IN COUNTER TOP
4. CHANGE IN COUNTER TOP
5. CHANGE IN COUNTER TOP
6. CHANGE IN COUNTER TOP
7. CHANGE IN COUNTER TOP
8. CHANGE IN COUNTER TOP



SECTION 1-1
SCALE 1/4" = 1'-0"

NOTE: FOR REFERENCE IS MADE TO A PARTICULAR MANUFACTURER OF THE
EQUIPMENT SHOWN BY ANY PARTICULAR MANUFACTURER OF EQUIPMENT THAT
LOCATE ROOF DRAIN & SPLASH BLOCKS — 2/15/74
DETAIL OF CONC. CURB AT EMERGENCY ENT. — 2/15/74

REVISION NO. 1
CHANGE FROM METAL PARTITION TO BLOCK WALLS
REPLACE ROOF DRAIN & SPLASH BLOCKS
DETAIL OF CONC. CURB AT EMERGENCY ENT. — 2/15/74



PARTIAL FLOOR PLAN SCALE 1/4" = 1'-0"

PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

LENZA & LENZA
ARCHITECTS

Appendix C

Lead Based Paint XRF Sampling Table & Paint Chips Laboratory Results

Lead Based Paint - XRF Testing Results

Project:		CDT Maunabo		Date:		3-May-22			
Municipality:		Maunabo		Contact:		Eddy Carlo - Municipio de Maunabo			
XRF brand		Viken Detection		XRF Serial Num		2249			
RDNG#		BLDG#		PB 200 i		XRF(mg/cm²)			
Floor		Side		Room		Structure			
Substrate		Color		Comments					
1	1	1	A	Building exterior	Curb	Concrete	Yellow	0.4	
2	1	1	A	Building exterior	Parking Lines	Asphalt	Yellow	0.2	
3	1	1	A	Building exterior	Curb	Concrete	Yellow	0.2	
4	1	1	A	Building exterior	Parking Lines	Asphalt	Yellow	0.3	
5	1	1	A	Building exterior	Post	Concrete	White	0.3	
6	1	1	A	Building exterior	Curb	Concrete	Blue	0.9	Duplicate 0.2
7	1	1	A	Building exterior	Parking Lines	Asphalt	Blue	0.3	
8	1	1	A	Building exterior	Curb	Concrete	Yellow	0.3	
9	1	1	A	Building exterior	Curb	Concrete	Blue	0.4	
10	1	1	A	Building exterior	Column	Metal	Beige	0.2	
11	1	1	A	Building exterior	Column	Metal	Gray	0.2	
12	1	1	A	Building exterior	Wall Exterior	Concrete	White	0.1	Ornamental
13	1	1	A	Building exterior	Wall Exterior	Concrete	White	0.3	
14	1	1	A	Building exterior	Column	Metal	Beige	0.2	
15	1	1	A	Building exterior	Column	Metal	Beige	0.2	
16	1	1	A	Building exterior	Base	Concrete	Gray	0.2	
17	1	1	B	Building exterior	Wall Exterior	Concrete	Gray	0.2	
18	1	1	B	Building exterior	Wall Exterior	Drywall	Gray	0.2	
19	1	1	B	Building exterior	Column	Metal	Beige	0.5	
20	1	1	B	Building exterior	Base	Concrete	Gray	0.6	
21	1	1	B	Building exterior	Window Exterior	Metal	White	0.1	
22	1	1	B	Building exterior	Alero	Concrete	White	-0.1	
23	1	1	B	Building exterior	Gate	Metal	Brown	0.2	
24	1	1	B	Building exterior	Door Exterior	Metal	Brown	0.3	
25	1	1	B	Building exterior	Door Frame	Metal	Brown	0.7	
26	1	1	B	Building exterior	Wall Exterior	Drywall	Brown	0.1	
27	1	1	B	Building exterior	Gate	Metal	Brown	0.3	
28	1	1	B	Building exterior	Wall Exterior	Drywall	Brown	0.2	
29	1	1	B	Building exterior	Bollard	Concrete	White	0.7	
30	1	1	B	Building exterior	Gate	Metal	White	0.7	
31	1	1	B	Building exterior	Post	Concrete	White	0.1	
32	1	1	B	Building exterior	Curb	Concrete	Yellow	0.5	
33	1	1	B	Building exterior	Curb	Concrete	Blue	0.2	
34	1	1	B	Building exterior	Gate	Metal	Brown	0.2	
35	1	1	B	Building exterior	Door Exterior	Metal	Brown	0.3	
36	1	1	B	Building exterior	Door Frame	Metal	Brown	0.0	
37	1	1	B	Building exterior	Door Exterior	Metal	Brown	0.2	
38	1	1	B	Building exterior	Door Frame	Metal	Brown	0.1	
39	1	1	C	Building exterior	Wall Exterior	Drywall	Brown	0.3	
40	1	1	C	Building exterior	Column	Metal	Beige	0.2	
41	1	1	C	Building exterior	Base	Concrete	Gray	0.0	
42	1	1	C	Building exterior	Alero	Concrete	White	0.0	
43	1	1	C	Building exterior	Curb	Concrete	Yellow	0.2	
44	1	1	C	Building exterior	Curb	Concrete	Yellow	0.4	
45	2	1	C	Emergency Power Plant	Wall Exterior	Concrete	Brown	0.1	
46	2	1	C	Emergency Power Plant	Door Exterior	Metal	Beige	0.3	
47	2	1	C	Emergency Power Plant	Door Frame	Metal	Beige	0.2	
48	2	1	C	Emergency Power Plant	Wall Exterior	Concrete	Brown	0.0	
49	2	1	C	Emergency Power Plant	Wall Exterior	Concrete	Brown	0.0	

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 3-May-22		Contact: Eddy Carlo - Municipio de Maunabo					
Municipality: Maunabo		XRF model		PB 200 i					
XRF brand		Viken Detection		XRF Serial Num 2249					
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
50	2	1	C	Emergency Power Plant	Wall Exterior	Concrete	Brown	0.1	
51	3	1	C	Building exterior	Tank	Metal	Blue	0.5	
52	3	1	C	Building exterior	Stairs	Metal	Yellow	4.3	Duplicate 3.4
53	3	1	C	Building exterior	Hand Rail	Metal	Yellow	4.0	
54	4	1	B	Garbage Station	Wall Exterior	Concrete	White	0.2	
55	4	1	A	Garbage Station	Window Interior	Concrete	White	0.1	
56	4	1	A	Garbage Station	Wall Exterior	Concrete	White	0.1	
57	4	1	C	Garbage Station	Wall Exterior	Concrete	White	0.2	
58	1	1	C	Building exterior	Wall Exterior	Concrete	White	0.2	
59	1	1	C	Building exterior	Curb	Concrete	Yellow	0.5	
60	1	1	D	Building exterior	Curb	Concrete	Yellow	0.3	
61	1	1	D	Generator	Base	Concrete	Yellow	3.6	
62	1	1	D	Generator	Base	Concrete	Yellow	3.0	
63	1	1	D	Building exterior	Bollard	Metal	Yellow	2.1	
64	1	1	D	Building exterior	Bollard	Metal	Yellow	1.5	
65	1	1	D	Building exterior	Curb	Concrete	Yellow	0.3	
66	1	1	D	Building exterior	Curb	Concrete	Yellow	0.3	
67	1	1	D	Building exterior	Bollard	Concrete	Yellow	1.4	
68	1	1	D	Building exterior	Column	Metal	Beige	0.3	
69	1	1	D	Building exterior	Base	Concrete	Gray	0.1	
70	1	1	D	Building exterior	Wall Exterior	Drywall	Brown	0.3	
71	1	1	D	Building exterior	Door Exterior	Metal	Brown	0.2	
72	1	1	D	Building exterior	Door Frame	Metal	Brown	0.7	
73	1	1	D	Building exterior	Door Exterior	Metal	Brown	0.5	
74	1	1	D	Building exterior	Door Exterior	Metal	Brown	0.2	
75	1	1	D	Building exterior	Door Frame	Metal	Brown	0.0	
76	1	1	D	Building exterior	Door Exterior	Metal	Brown	0.1	
77	1	1	D	Building exterior	Window Exterior	Metal	White	0.1	
78	1	1	D	Building exterior	Column	Metal	Yellow	0.2	
79	1	1	D	Building exterior	Column	Metal	Gray	0.4	
80	1	1	D	Building exterior	Curb	Concrete	White	0.4	
81	1	1	A	Building exterior	Tank	Metal	White	0.2	
82	1	1	A	Lobby	Wall Interior	Concrete	Beige	0.1	1A PLAN III
83	1	1	B	Lobby	Wall Interior	Concrete	Beige	0.1	1A PLAN III
84	1	1	B	Lobby	Column	Metal	Beige	0.2	1A PLAN III
85	1	1	A	Lobby	Column	Metal	Beige	0.3	1A PLAN III
86	1	1	B	Lobby	Door Frame	Metal	Gray	0.1	1A PLAN III
87	1	1	B	Lobby	Door Interior	Metal	Gray	0.2	1A PLAN III
88	1	1	C	Lobby	Column	Metal	Yellow	0.5	1A PLAN III
89	1	1	D	Lobby	Wall Interior	Concrete	Beige	0.1	1A PLAN III
90	1	1	A	Clinical Dental	Wall Interior	Concrete	Beige	0.0	6C PLAN III
91	1	1	A	Clinical Dental	Wall Interior	Concrete	Blue	0.0	6C PLAN III
92	1	1	A	Clinical Dental	Door Frame	Metal	Gray	0.4	6C PLAN III
93	1	1	A	X-Ray room	Door Exterior	Wood	Gray	3.7	6C PLAN III
94	1	1	A	Clinical Dental	Wall Interior	Drywall	Gray	21.6	8C PLAN III Duplicate 4.1
95	1	1	A	Storage room	Wall Interior	Plaster	Gray	0.0	8A PLAN III
96	1	1	B	Storage room	Wall Interior	Plaster	Gray	0.0	8A PLAN III
97	1	1	C	Storage room	Wall Interior	Plaster	Gray	0.0	8A PLAN III
98	1	1	D	Storage room	Wall Interior	Plaster	Gray	0.0	8A PLAN III

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 3-May-22							
Municipality: Maunabo		Contact: Eddy Carlo - Municipio de Maunabo							
XRF brand		XRF Serial Num 2249							
Viken Detection		PB 200 i							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
99	1	1	A	Storage room	Door Interior	Metal	Gray	0.0	8A PLAN III
100	1	1	A	X-Ray room	Door Frame	Metal	Gray	0.3	8C PLAN III
101	1	1	A	X-Ray room	Wall Interior	Drywall	Blue	15.2	8C PLAN III
102	1	1	B	X-Ray room	Wall Interior	Drywall	Blue	14.3	8C PLAN III
103	1	1	C	X-Ray room	Wall Interior	Drywall	Blue	14.1	8C PLAN III
104	1	1	D	X-Ray room	Wall Interior	Drywall	Blue	15.4	8C PLAN III
105	1	1	D	X-Ray room	Door Frame	Metal	Gray	0.1	8C PLAN III
106	1	1	D	X-Ray room	Door Interior	Metal	Gray	3.5	8C PLAN III
107	1	1	A	Dark room	Wall Interior	Metal	Blue	0.1	8B PLAN III
108	1	1	B	Dark room	Wall Interior	Concrete	Blue	0.1	8B PLAN III
109	1	1	C	Dark room	Wall Interior	Drywall	Blue	22.1	8B PLAN III
110	1	1	D	Dark room	Wall Interior	Drywall	Blue	0.1	8B PLAN III
111	1	1	B	Clinical Dental	Wall Interior	Concrete	White	0.1	Clinical Dental
112	1	1	B	Clinical Dental	Column	Metal	White	0.3	Clinical Dental
113	1	1	C	Clinical Dental	Wall exterior	Concrete	Beige	0.0	Clinical Dental
114	1	1	D	Work Area	Wall Interior	Drywall	Beige	6.8	6C PLAN III
115	1	1	D	Work Area	Wall Interior	Drywall	Blue	6.5	6C PLAN III
116	1	1	A	Work Area	Column	Drywall	Beige	0.0	6C PLAN III
117	1	1	A	Work Area	Column	Metal	Gray	0.5	6C PLAN III
118	1	1	A	Hall	Wall Interior	Concrete	Beige	0.0	3E PLAN III
119	1	1	B	Hall	Wall Interior	Concrete	Beige	0.1	3E PLAN III
120	1	1	D	Hall	Wall Interior	Concrete	Beige	0.1	3E PLAN III
121	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	Men 4D PLAN III
122	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.1	Men 4D PLAN III
123	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.2	Men 4D PLAN III
124	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.2	Men 4D PLAN III
125	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.2	Men 4D PLAN III
126	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.5	Men 4D PLAN III
127	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	Men 4D PLAN III
128	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	Men 4D PLAN III
129	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.2	Men 4D PLAN III
130	1	1	A	Restroom	Floor	Ceramic	Beige	0.2	Men 4D PLAN III
131	1	1	A	Restroom	Roof	Drywall	Beige	0.3	Men 4D PLAN III
132	1	1	C	Restroom	Door Interior	Wood	Beige	0.2	Men 4D PLAN III
133	1	1	C	Restroom	Door Frame	Metal	Beige	0.0	Men 4D PLAN III
134	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
135	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.5	Woman 5D PLAN III
136	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
137	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.3	Woman 5D PLAN III
138	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
139	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.3	Woman 5D PLAN III
140	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.2	Woman 5D PLAN III
141	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.5	Woman 5D PLAN III
142	1	1	A	Restroom	Roof	Concrete	Beige	0.3	Woman 5D PLAN III
143	1	1	C	Restroom	Floor	Ceramic	Beige	0.3	Woman 5D PLAN III
144	1	1	C	Restroom	Door Frame	Wood	Beige	0.3	Woman 5D PLAN III
145	1	1	A	Restroom	Door Interior	Metal	Beige	0.2	Woman 5D PLAN III
146	1	1	B	General Waiting room	Wall Interior	Concrete	Beige	0.2	2A PLAN III
147	1	1	C	General Waiting room	Wall Interior	Concrete	Beige	0.0	2A PLAN III

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 3-May-22		Contact: Eddy Carlo - Municipio de Maunabo					
Municipality: Maunabo		XRF Serial Num 2249		PB 200 i					
XRF brand Viken Detection		XRF model		XRF Serial Num 2249					
RONG#	BIDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
148	1	1	D	General Waiting room	Wall Interior	Concrete	Beige	0.1	2A PLAN III
149	1	1	D	General Waiting room	Column	Metal	Beige	0.2	2A PLAN III
150	1	1	D	Sub Waiting Room	Wall Interior	Drywall	Beige	2.8	PLAN III
151	1	1	A	Hall	Wall Interior	Concrete	Beige	0.1	2A PLAN III
152	1	1	A	Hall	Door Frame	Metal	Gray	0.7	2A PLAN III
153	1	1	A	Hall	Door Interior	Metal	Gray	0.1	2A PLAN III
154	1	1	B	Hall	Wall Interior	Concrete	Beige	0.1	2A PLAN III
155	1	1	B	Hall	Door Frame	Metal	Gray	0.0	2A PLAN III
156	1	1	B	Hall	Door Interior	Wood	Gray	0.2	2A PLAN III
157	1	1	D	Hall	Wall Interior	Concrete	Beige	0.1	2A PLAN III
158	1	1	A	Drug Storage	Wall Interior	Concrete	Blue	0.0	11K PLAN III
159	1	1	B	Drug Storage	Wall Interior	Concrete	Blue	0.0	11K PLAN III
160	1	1	C	Drug Storage	Wall Interior	Concrete	Blue	0.0	11K PLAN III
161	1	1	D	Drug Storage	Wall Interior	Concrete	Blue	0.0	11K PLAN III
162	1	1	C	Drug Storage	Door Frame	Metal	Gray	0.0	11K PLAN III
163	1	1	C	Drug Storage	Door Interior	Wood	Gray	0.0	11K PLAN III
164	1	1	A	Drug Storage	Wall Interior	Concrete	Beige	0.1	11K PLAN III
165	1	1	B	Drug Storage	Wall Interior	Concrete	Beige	0.1	11K PLAN III
166	1	1	B	Drug Storage	Door Frame	Metal	Gray	0.0	11K PLAN III
167	1	1	B	Drug Storage	Door Interior	Wood	Gray	0.0	11K PLAN III
168	1	1	C	Drug Storage	Wall Interior	Concrete	Beige	0.3	11K PLAN III
169	1	1	D	Drug Storage	Wall Interior	Concrete	Beige	0.0	11K PLAN III
170	1	1	C	Drug Storage	Door Frame	Metal	Gray	0.9	11K PLAN III
171	1	1	C	Drug Storage	Door Interior	Wood	Gray	0.2	11K PLAN III
172	1	1	A	Cashier	Wall Interior	Concrete	Beige	0.1	10 K PLAN III
173	1	1	B	Cashier	Wall Interior	Plaster	Beige	0.2	11 K PLAN III
174	1	1	C	Cashier	Wall Interior	Concrete	Beige	0.1	12 K PLAN III
175	1	1	D	Cashier	Wall Interior	Concrete	Beige	0.2	13 K PLAN III
176	1	1	D	Cashier	Wall Interior	Metal	Gray	0.3	Rolling door
177	1	1	D	Cashier	Door Frame	Metal	Gray	0.8	11K PLAN III
178	1	1	D	Cashier	Door Interior	Wood	Gray	0.1	11 PLAN III
179	1	1	A	Information	Wall Interior	Concrete	Beige	0.3	97C PLAN III
180	1	1	C	Information	Wall Interior	Concrete	Beige	0.1	97C PLAN III
181	1	1	C	Information	Door Frame	Metal	Gray	0.0	97C PLAN III
182	1	1	C	Information	Door Interior	Wood	Gray	0.0	97C PLAN III
183	1	1	D	Information B	Wall Interior	Concrete	Beige	0.1	97C PLAN III
184	1	1	A	Information B	Wall Interior	Concrete	Beige	0.0	97C PLAN III
185	1	1	B	Information B	Wall Interior	Concrete	Beige	0.2	97C PLAN III
186	1	1	C	Information B	Wall Interior	Concrete	Beige	0.1	97C PLAN III
187	1	1	D	Information B	Wall Interior	Wood	Beige	0.1	97C PLAN III
188	1	1	C	Information B	Wall Interior	Metal	Beige	0.0	97C PLAN III
189	1	1	C	Information B	Door Frame	Metal	Gray	0.2	97C PLAN III
190	1	1	A	Waiting room	Door Interior	Wood	Gray	0.1	97C PLAN III
191	1	1	B	Waiting room	Wall Interior	Wood	Beige	0.2	87B PLAN III
192	1	1	C	Waiting room	Wall Interior	Wood	Beige	0.1	87B PLAN III
193	1	1	D	Waiting room	Wall Interior	Concrete	Beige	0.1	87B PLAN III
194	1	1	D	Waiting room	Wall Interior	Concrete	Beige	0.1	Ornamental
195	1	1	C	Waiting room	Wall Interior	Concrete	Beige	0.1	87 B PLAN III
196	1	1	C	Waiting room	Door Frame	Metal	Gray	0.8	88 B PLAN III
				Waiting room	Door Interior	Metal	Gray	0.2	89 B PLAN III

Lead Based Paint - XRF Testing Results

Project:		CDT Maunabo		Date:		3-May-22			
Municipality:		Maunabo		Contact:		Eddy Carlo - Municipio de Maunabo			
XRF brand		Viken Detection		XRF model		PB 200 i			
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
197	1	1	D	Waiting room	Door Frame	Metal	Gray	0.0	90 B PLAN III
198	1	1	D	Waiting room	Gate	Metal	Gray	0.4	91 B PLAN III
199	1	1	A	Doctor Office	Wall Interior	Concrete	Beige	0.1	86C PLAN III
200	1	1	B	Doctor Office	Wall Interior	Concrete	Beige	0.0	86C PLAN III
201	1	1	C	Doctor Office	Wall Interior	Metal	Beige	0.0	86C PLAN III
202	1	1	C	Doctor Office	Door Frame	Metal	Gray	0.2	86C PLAN III
203	1	1	C	Doctor Office	Wall Interior	Wood	Gray	0.2	86C PLAN III
204	1	1	D	Doctor Office	Wall Interior	Metal	Gray	0.1	86C PLAN III
205	1	1	D	Doctor Office	Wall Interior	Concrete	Beige	0.3	86C PLAN III
206	1	1	A	Doctor Office	Door Frame	Metal	Gray	0.0	86C PLAN III
207	1	1	A	Doctor Office	Door Interior	Wood	Gray	0.0	86C PLAN III
208	1	1	A	Nurse	Wall Interior	Concrete	Beige	0.0	81C PLAN III
209	1	1	A	Nurse	Door Frame	Metal	Gray	0.7	81C PLAN III
210	1	1	B	Nurse	Door Interior	Wood	Gray	0.2	81C PLAN III
211	1	1	B	Nurse	Wall Interior	Drywall	Beige	0.1	81C PLAN III
212	1	1	C	Nurse	Door Frame	Metal	Gray	0.1	81C PLAN III
213	1	1	C	Nurse	Door Interior	Wood	Gray	0.2	81C PLAN III
214	1	1	D	Nurse	Column	Metal	Beige	0.0	81C PLAN III
215	1	1	D	Nurse	Wall Interior	Concrete	Beige	0.5	81C PLAN III
216	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	82D PLAN III
217	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.2	82D PLAN III
218	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.0	82D PLAN III
219	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.9	82D PLAN III
220	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	82D PLAN III
221	1	1	C	Restroom	Wall Interior	Ceramic	Beige	2.8	82D PLAN III
222	1	1	C	Restroom	Door Frame	Metal	Gray	0.8	82D PLAN III
223	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	82D PLAN III
224	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.1	82D PLAN III
225	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.4	82D PLAN III
226	1	1	A	Restroom	Floor	Ceramic	Beige	0.2	82D PLAN III
227	1	1	A	Restroom	Roof	Concrete	Beige	0.0	82D PLAN III
228	1	1	A	Storage room	Wall Interior	Concrete	Beige	0.1	85K PLAN III
229	1	1	B	Storage room	Wall Interior	Concrete	Beige	0.1	85K PLAN III
230	1	1	C	Storage room	Wall Interior	Concrete	Beige	0.0	85K PLAN III
231	1	1	C	Storage room	Door Frame	Metal	Beige	0.8	85K PLAN III
232	1	1	C	Storage room	Door Exterior	Wood	Gray	0.0	85K PLAN III
233	1	1	D	Storage room	Wall Interior	Concrete	Beige	0.0	85K PLAN III
234	1	1	A	EXAM & TREAT	Wall Interior	Drywall	Beige	0.0	84C PLAN III
235	1	1	B	Other	Wall Interior	Concrete	Beige	0.1	84C PLAN III
236	1	1	C	Other	Wall Interior	Concrete	Beige	0.0	84C PLAN III

Pre-calibrations 0.9:1.0;1.0 9:54am 1.2:1.1;1.1 1:16pm 1.0:1.0;1.0

Post-calibrations 1.1:1.1;1.1 11:39 3:38

Inspector Name: Juan Fernandez

Inspector Signature: Juan Fernandez Cordova

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo				Date: 5/3/2022 and 5/4/2022			
Municipality: Maunabo				Contact: Eddy Carlo Municipio de Maunabo			
XRF Brand				XRF Serie Num. 2249			
Viken Detection				PB200i			
XRF Model				Color			
Side				XRF(mg/cm²)			
Floor				Comments			
237	1	1	C	Gray	0.6		84C PLAN III
238	1	1	C	Gray	0.1		84C PLAN III
239	1	1	D	Gray	0.1		84C PLAN III
240	1	1	A	Multicolor	3.8		83C PLAN III Duplicate 4.1
241	1	1	B	Beige	0.1		83C PLAN III
242	1	1	C	Gray	0.7		83C PLAN III
243	1	1	C	Gray	0.1		83C PLAN III
244	1	1	D	Beige	0.0		83C PLAN III
245	1	1	A	Beige	0.3		76C PLAN IV
246	1	1	A	Gray	0.7		76C PLAN IV
247	1	1	A	Gray	0.1		76C PLAN IV
248	1	1	B	Beige	0.1		76C PLAN IV
249	1	1	C	Beige	0.1		76C PLAN IV
250	1	1	C	Gray	0.1		76C PLAN IV
251	1	1	C	Gray	0.1		76C PLAN IV
252	1	1	D	Beige	0.0		76C PLAN IV
253	1	1	D	Gray	0.5		76C PLAN IV
254	1	1	A	Blue	0.0		75K PLAN IV
255	1	1	B	Blue	0.0		75K PLAN IV
256	1	1	C	Blue	0.0		75K PLAN IV
257	1	1	D	Blue	0.0		75K PLAN IV
258	1	1	C	Gray	0.7		75K PLAN IV
259	1	1	C	Gray	0.0		75K PLAN IV
260	1	1	A	Beige	0.2		77K PLAN IV
261	1	1	B	Beige	0.0		77K PLAN IV
262	1	1	C	Beige	0.0		77K PLAN IV
263	1	1	A	Beige	0.1		81C PLAN III
264	1	1	A	Gray	0.1		81C PLAN III
265	1	1	A	Beige	0.2		81C PLAN III
266	1	1	B	Beige	0.0		81C PLAN III
267	1	1	C	Gray	0.7		81C PLAN III
268	1	1	C	Gray	0.2		81C PLAN III
269	1	1	C	Gray	0.2		81C PLAN III
270	1	1	D	Gray	0.1		81C PLAN III
271	1	1	D	Gray	0.3		81C PLAN III
272	1	1	A	Beige	0.0		80D PLAN III
273	1	1	A	Beige	2.8		80D PLAN III
274	1	1	B	Beige	0.1		80D PLAN III
275	1	1	B	Beige	2.8		80D PLAN III
276	1	1	C	Gray	0.7		80D PLAN III
277	1	1	C	Gray	0.0		80D PLAN III
278	1	1	C	Beige	0.1		80D PLAN III
279	1	1	C	Beige	3.3		80D PLAN III
280	1	1	D	Beige	0.1		80D PLAN III
281	1	1	D	Beige	3.3		80D PLAN III
282	1	1	A	Beige	0.5		80D PLAN III
283	1	1	A	Beige	0.3		80D PLAN III
284	1	1	A	Beige	0.4		79C PLAN III
285	1	1	B	Beige	0.1		79C PLAN III

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo			Date: 5/3/2022 and 5/4/2022						
Municipality: Maunabo			Contact: Eddy Carlo Municipio de Maunabo						
XRF Brand			XRF Model						
Viken Detection			PB200i						
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
286	1	1	C	Exam & Treat	Wall Interior	Concrete	Beige	0.0	79C PLAN III
287	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.7	79C PLAN III
288	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	79C PLAN III
289	1	1	D	Exam & Treat	Wall Interior	Drywall	Beige	0.1	79C PLAN III
290	1	1	A	Exam & Treat	Wall Interior	Drywall	Beige	0.3	78C PLAN IV
291	1	1	B	Exam & Treat	Wall Interior	Drywall	Beige	0.1	78C PLAN IV
292	1	1	C	Exam & Treat	Wall Interior	Concrete	Beige	0.2	78C PLAN IV
293	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.0	78C PLAN IV
294	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.0	78C PLAN IV
295	1	1	D	Exam & Treat	Wall Interior	Concrete	Beige	0.0	78C PLAN IV
296	1	1	D	Exam & Treat	Wall Interior	Drywall	Beige	0.1	78C PLAN IV
297	1	1	A	Nurse	Wall Interior	Concrete	White	0.1	68 C PLAN IV
298	1	1	A	Nurse	Door Frame	Metal	Gray	0.6	69 C PLAN IV
299	1	1	A	Nurse	Door Interior	Wood	Gray	0.0	70 C PLAN IV
300	1	1	B	Nurse	Wall Interior	Drywall	White	0.2	71 C PLAN IV
301	1	1	C	Nurse	Wall Interior	Drywall	White	0.1	72 C PLAN IV
302	1	1	C	Nurse	Door Frame	Metal	Gray	0.0	73 C PLAN IV
303	1	1	C	Nurse	Door Interior	Wood	Gray	0.0	74 C PLAN IV
304	1	1	D	Nurse	Wall Interior	Concrete	White	0.3	75 C PLAN IV
305	1	1	D	Nurse	Column	Metal	White	0.2	76 C PLAN IV
306	1	1	A	Doctor Office	Wall Interior	Drywall	White	0.0	73C PLAN IV
307	1	1	A	Doctor Office	Door Frame	Metal	Gray	0.7	73C PLAN IV
308	1	1	A	Doctor Office	Door Interior	Wood	Gray	0.0	73C PLAN IV
309	1	1	B	Doctor Office	Wall Interior	Drywall	White	0.0	73C PLAN IV
310	1	1	C	Doctor Office	Wall Interior	Concrete	White	0.0	73C PLAN IV
311	1	1	C	Doctor Office	Door Frame	Metal	Gray	0.7	73C PLAN IV
312	1	1	C	Doctor Office	Door Interior	Wood	Gray	0.0	73C PLAN IV
313	1	1	D	Doctor Office	Wall Interior	Drywall	White	0.0	73C PLAN IV
314	1	1	A	Restroom	Wall Interior	Concrete	White	0.1	69D PLAN IV
315	1	1	A	Restroom	Wall Interior	Ceramic	White	0.3	69D PLAN IV
316	1	1	B	Restroom	Wall Interior	Concrete	White	0.1	69D PLAN IV
317	1	1	B	Restroom	Wall Interior	Ceramic	White	3.2	69D PLAN IV
318	1	1	C	Restroom	Wall Interior	Concrete	White	0.2	69D PLAN IV
319	1	1	C	Restroom	Wall Interior	Ceramic	White	3.4	69D PLAN IV
320	1	1	C	Restroom	Door Frame	Metal	Gray	0.6	69D PLAN IV
321	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	69D PLAN IV
322	1	1	D	Restroom	Wall Interior	Concrete	White	0.0	69D PLAN IV
323	1	1	D	Restroom	Wall Interior	Ceramic	White	3.1	69D PLAN IV
324	1	1	D	Restroom	Floor	Ceramic	Beige	0.1	69D PLAN IV
325	1	1	A	Hall	Wall Interior	Concrete	White	0.1	74K PLAN IV
326	1	1	B	Hall	Wall Interior	Concrete	White	0.1	74K PLAN IV
327	1	1	C	Hall	Wall Interior	Concrete	White	0.1	74K PLAN IV
328	1	1	D	Hall	Wall Interior	Concrete	White	0.0	74K PLAN IV
329	1	1	A	Storage room	Wall Interior	Concrete	Blue	0.1	72K PLAN IV
330	1	1	B	Storage room	Wall Interior	Concrete	Blue	0.1	72K PLAN IV
331	1	1	C	Storage room	Wall Interior	Concrete	Blue	0.1	72K PLAN IV
332	1	1	C	Storage room	Door Frame	Metal	Gray	0.8	72K PLAN IV
333	1	1	C	Storage room	Door Interior	Wood	Gray	0.1	72K PLAN IV
334	1	1	D	Storage room	Wall Interior	Concrete	Blue	0.0	72K PLAN IV

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 5/3/2022 and 5/4/2022							
Municipality: Maunabo		Contact: Eddy Carlo Municipio de Maunabo							
XRF Brand		XRF Serie Num. 2249							
Viken Detection		PB200i							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
335	1	1	A	Exam & Treat	Wall Interior	Drywall	White	5.7	71C PLAN IV Duplicate 5.8
336	1	1	B	Exam & Treat	Wall Interior	Drywall	White	0.2	71C PLAN IV
337	1	1	B	Exam & Treat	Wall Interior	Concrete	White	0.1	71C PLAN IV
338	1	1	C	Exam & Treat	Wall Interior	Concrete	White	0.0	71C PLAN IV
339	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.8	71C PLAN IV
340	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	71C PLAN IV
341	1	1	D	Exam & Treat	Wall Interior	Drywall	White	0.1	71C PLAN IV
342	1	1	A	Exam & Treat	Wall Interior	Drywall	White	5.9	70C PLAN IV
343	1	1	B	Exam & Treat	Wall Interior	Drywall	White	0.1	70C PLAN IV
344	1	1	C	Exam & Treat	Wall Interior	Concrete	White	0.1	70C PLAN IV
345	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.1	70C PLAN IV
346	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	70C PLAN IV
347	1	1	D	Exam & Treat	Wall Interior	Concrete	White	0.0	70C PLAN IV
348	1	1	A	Exam & Treat	Wall Interior	Concrete	Beige	0.0	66F PLAN IV
349	1	1	B	Exam & Treat	Wall Interior	Concrete	Beige	0.2	66F PLAN IV
350	1	1	C	Exam & Treat	Wall Interior	Concrete	Beige	0.1	66F PLAN IV
351	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.1	66F PLAN IV
352	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	66F PLAN IV
353	1	1	D	Exam & Treat	Wall Interior	Concrete	Beige	0.1	66F PLAN IV
354	1	1	A	Exam & Treat	Wall Interior	Concrete	Beige	0.0	65F PLAN IV
355	1	1	B	Exam & Treat	Wall Interior	Concrete	Beige	0.0	65F PLAN IV
356	1	1	C	Exam & Treat	Wall Interior	Concrete	Beige	0.1	65F PLAN IV
357	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.1	65F PLAN IV
358	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	65F PLAN IV
359	1	1	D	Exam & Treat	Wall Interior	Concrete	Beige	0.1	65F PLAN IV
360	1	1	D	Exam & Treat	Door Frame	Metal	Gray	0.5	65F PLAN IV
361	1	1	D	Exam & Treat	Door Interior	Wood	Gray	0.0	65F PLAN IV
362	1	1	B	Hall	Wall Interior	Concrete	Beige	0.2	55E PLAN IV
363	1	1	C	Hall	Wall Interior	Concrete	Beige	0.0	55E PLAN IV
364	1	1	C	Hall	Door Frame	Metal	Gray	0.0	55E PLAN IV
365	1	1	C	Hall	Door Interior	Metal	Gray	0.3	55E PLAN IV
366	1	1	D	Hall	Wall Interior	Concrete	Beige	0.0	55E PLAN IV
367	1	1	A	Control	Wall Interior	Concrete	Beige	0.1	56F PLAN IV
368	1	1	B	Control	Wall Interior	Concrete	Beige	0.0	56F PLAN IV
369	1	1	C	Control	Wall Interior	Concrete	Beige	0.0	56F PLAN IV
370	1	1	C	Control	Door Frame	Metal	Gray	0.0	56F PLAN IV
371	1	1	C	Control	Door Interior	Wood	Gray	0.0	56F PLAN IV
372	1	1	A	Clean Util	Wall Interior	Drywall	Beige	4.9	57F PLAN IV
373	1	1	B	Clean Util	Wall Interior	Concrete	Beige	0.0	57F PLAN IV
374	1	1	C	Clean Util	Wall Interior	Concrete	Beige	0.0	57F PLAN IV
375	1	1	C	Clean Util	Door Frame	Metal	Gray	0.0	57F PLAN IV
376	1	1	C	Clean Util	Door Interior	Wood	Gray	0.0	57F PLAN IV
377	1	1	A	Jan	Wall Interior	Concrete	Beige	0.2	58D PLAN IV
378	1	1	A	Jan	Wall Interior	Ceramic	Beige	3.4	58D PLAN IV
379	1	1	B	Jan	Wall Interior	Concrete	Beige	0.0	58D PLAN IV
380	1	1	B	Jan	Wall Interior	Ceramic	Beige	3.1	58D PLAN IV
381	1	1	C	Jan	Wall Interior	Concrete	Beige	0.0	58D PLAN IV
382	1	1	C	Jan	Wall Interior	Ceramic	Beige	0.0	58D PLAN IV
383	1	1	C	Jan	Door Frame	Metal	Gray	0	58D PLAN IV

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 5/3/2022 and 5/4/2022							
Municipality: Maunabo		Contact: Eddy Carlo Municipio de Maunabo							
XRF Brand: Viken Detection		XRF Series Num. 2249							
XRF Model		PB200i							
RONG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
384	1	1	C	Jan	Door Interior	Wood	Gray	0	58D PLAN IV
385	1	1	D	Jan	Wall Interior	Concrete	Beige	0	58D PLAN IV
386	1	1	D	Jan	Wall Interior	Ceramic	Beige	3.1	58D PLAN IV
387	1	1	A	Soiled util	Wall Interior	Drywall	Beige	5.2	59F PLAN IV
388	1	1	B	Soiled util	Wall Interior	Concrete	Beige	0.2	59F PLAN IV
389	1	1	C	Soiled util	Wall Interior	Concrete	Beige	0	59F PLAN IV
390	1	1	C	Soiled util	Door Frame	Metal	Gray	0	59F PLAN IV
391	1	1	C	Soiled util	Door Interior	Wood	Gray	0	59F PLAN IV
392	1	1	D	Soiled util	Wall Interior	Concrete	Beige	0.1	59F PLAN IV
393	1	1	A	Hall	Floor	Ceramic	Beige	0.3	Emergency Room PLAN IV
394	1	1	A	Emergency room	Wall Interior	Drywall	Beige	0.3	60 H PLAN IV Duplicate 0
395	1	1	B	Emergency room	Wall Interior	Ceramic	Beige	3.1	60 H PLAN IV
396	1	1	C	Emergency room	Wall Interior	Ceramic	Beige	2.6	61 H PLAN IV
397	1	1	D	Emergency room	Wall Interior	Ceramic	Beige	0.1	62 H PLAN IV
398	1	1	D	Emergency room	Wall Interior	Drywall	Beige	7.1	63 H PLAN IV
399	1	1	A	OBSERV & FLUID Therapy	Wall Interior	Drywall	Beige	0.0	61F PLAN IV
400	1	1	B	OBSERV & FLUID Therapy	Wall Interior	Concrete	Beige	0.0	61F PLAN IV
401	1	1	C	OBSERV & FLUID Therapy	Wall Interior	Drywall	Beige	0.0	61F PLAN IV
402	1	1	D	OBSERV & FLUID Therapy	Wall Interior	Concrete	Beige	0.0	61F PLAN IV
403	1	1	C	OBSERV & FLUID Therapy	Wall Interior	Concrete	Beige	0.2	61F PLAN IV
404	1	1	A	OBSERV & GYN	Wall Interior	Concrete	Beige	0.0	62F PLAN IV
405	1	1	B	OBSERV & GYN	Wall Interior	Concrete	Beige	0.0	62F PLAN IV
406	1	1	C	OBSERV & GYN	Wall Interior	Concrete	Beige	0.0	62F PLAN IV
407	1	1	D	OBSERV & GYN	Wall Interior	Concrete	Beige	0.0	62F PLAN IV
408	1	1	C	OBSERV & GYN	Door Frame	Metal	Gray	0.5	62F PLAN IV
409	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	63D PLAN IV
410	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.4	63D PLAN IV
411	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.2	63D PLAN IV
412	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.3	63D PLAN IV
413	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	63D PLAN IV
414	1	1	C	Restroom	Wall Interior	Ceramic	Beige	0.2	63D PLAN IV
415	1	1	C	Restroom	Door Frame	Metal	Gray	0.7	63D PLAN IV
416	1	1	C	Restroom	Window Interior	Wood	Gray	0.2	63D PLAN IV
417	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	63D PLAN IV
418	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.5	63D PLAN IV
419	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.2	54D PLAN IV
420	1	1	A	Restroom	Wall Interior	Ceramic	Beige	2.9	54D PLAN IV
421	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.0	54D PLAN IV
422	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.6	54D PLAN IV
423	1	1	C	Restroom	Door Frame	Metal	Gray	0.7	54D PLAN IV
424	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	54D PLAN IV
425	1	1	C	Restroom	Wall Exterior	Concrete	Beige	0.2	54D PLAN IV
426	1	1	C	Restroom	Wall Interior	Ceramic	Beige	2.5	54D PLAN IV
427	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	53D PLAN IV
428	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.4	53D PLAN IV
429	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.3	53D PLAN IV
430	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.3	53D PLAN IV
431	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	53D PLAN IV
432	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.5	53D PLAN IV

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 5/3/2022 and 5/4/2022							
Municipality: Maunabo		Contact: Eddy Carlo Municipio de Maunabo							
XRF Brand		XRF Model		XRF Serie Num. 2249					
Viken Detection		PB200i							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
433	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.3	53D PLAN IV
434	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.3	53D PLAN IV
435	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.2	50 A PLAN IV
436	1	1	A	Restroom	Wall Interior	Ceramic	Beige	2.5	50 A PLAN IV
437	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.0	50 A PLAN IV
438	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.5	50 A PLAN IV
439	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.1	50 A PLAN IV
440	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.3	50 A PLAN IV
441	1	1	C	Restroom	Door Frame	Metal	Gray	0.0	50 A PLAN IV
442	1	1	C	Restroom	Door Interior	Wood	Gray	0.1	50 A PLAN IV
443	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.2	50 A PLAN IV
444	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.3	50 A PLAN IV
445	1	1	A	Emergency waiting	Wall Interior	Concrete	Beige	0.0	52 E PLAN II Ornamental
446	1	1	A	Emergency waiting	Wall Interior	Concrete	Beige	0.2	52 E PLAN II Duplicate 0.5
447	1	1	A	Emergency waiting	Column	Metal	Brown	0.5	52 E PLAN II
448	1	1	A	Emergency waiting	Door Frame	Metal	Gray	0.0	52 E PLAN II
449	1	1	A	Emergency waiting	Door Interior	Metal	Gray	0.2	52 E PLAN II
450	1	1	B	Emergency waiting	Wall Interior	Concrete	Beige	0.1	52 E PLAN II
451	1	1	C	Emergency waiting	Wall Interior	Concrete	Beige	0.1	52 E PLAN II
452	1	1	D	Emergency waiting	Wall Interior	Concrete	Beige	0.0	52 E PLAN II
453	1	1	A	Employees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
454	1	1	B	Employees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
455	1	1	C	Employees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
456	1	1	C	Employees Lounge	Door Frame	Metal	Gray	0.7	52A PLAN II
457	1	1	A	X-ray room	Wall Interior	Drywall	Beige	15.8	50F PLAN II
458	1	1	B	X-ray room	Wall Interior	Drywall	Beige	14.9	50F PLAN II
459	1	1	C	X-ray room	Wall Interior	Drywall	Beige	14.9	50F PLAN II
460	1	1	D	X-ray room	Wall Interior	Drywall	Beige	16.7	50F PLAN II
461	1	1	D	X-ray room	Door Frame	Metal	Gray	10.2	50F PLAN II
462	1	1	D	X-ray room	Door Interior	Wood	Gray	3.9	50F PLAN II
463	1	1	A	X-ray room	Door Frame	Drywall	Gray	5.0	50F PLAN II
464	1	1	A	X-ray room	Door Interior	Wood	Gray	4.1	50F PLAN II
465	1	1	A	Dark room	Wall Interior	Concrete	Beige	0.0	47F PLAN II
466	1	1	B	Dark room	Wall Interior	Concrete	Beige	0.1	47F PLAN II
467	1	1	C	Dark room	Wall Interior	Concrete	Beige	0.1	47F PLAN II
468	1	1	D	Dark room	Wall Interior	Concrete	Beige	0.1	47F PLAN II
469	1	1	A	Control	Wall Interior	Concrete	Beige	0.1	48F PLAN II
470	1	1	B	Control	Wall Interior	Concrete	Beige	0.1	48F PLAN II
471	1	1	C	Control	Wall Interior	Concrete	Beige	0.0	48F PLAN II Duplicated 0
472	1	1	D	Control	Wall Interior	Drywall	Beige	13.0	48F PLAN II

Pre-calibrations

1.0;0.8;0.9

9:33am

1.0;0.8;0.9

9:33am

Juan Fernandez

Post-calibrations

1.1;1.1;1.1

11:39

1.1;1.0;1.1

1:56pm

Juan Fernandez Condor

Lead Based Paint - XRF Testing Results

Project:		CDT Maunabo		Date:		4-May-22			
Municipality:		Maunabo		Contact:		Eddy Carlo Municipio de Maunabo			
XRF Brand		Viken Detection		XRF Model		XRF Serie Num 2249			
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
473	1	1	A	Film File Storages	Wall Interior	Concrete	Beige	0.0	45C PLAN II
474	1	1	B	Film File Storages	Wall Interior	Concrete	Beige	0.0	45C PLAN II
475	1	1	C	Film File Storages	Wall Interior	Concrete	Beige	0.0	45C PLAN II
476	1	1	D	Film File Storages	Wall Interior	Concrete	Beige	0.0	45C PLAN II
477	1	1	C	Film File Storages	Door Frame	Metal	Gray	0.6	45C PLAN II
478	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	
479	1	1	A	Restroom	Wall Interior	Ceramic	Beige	1.5	
480	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.2	
481	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.2	
482	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.3	
483	1	1	C	Restroom	Door Frame	Metal	Gray	0.1	
484	1	1	C	Restroom	Door Interior	Wood	Gray	0.1	
485	1	1	A	Office Viewing	Wall Interior	Concrete	Beige	0.0	49F PLAN II
486	1	1	A	Office Viewing	Door Frame	Metal	Gray	0.6	49F PLAN II
487	1	1	A	Office Viewing	Door Interior	Wood	Gray	0.1	49F PLAN II
488	1	1	B	Office Viewing	Wall Interior	Concrete	Beige	0.0	49F PLAN II
489	1	1	C	Office Viewing	Wall Interior	Concrete	Beige	0.2	49F PLAN II
490	1	1	C	Office Viewing	Door Frame	Metal	Gray	0.0	49F PLAN II
491	1	1	C	Office Viewing	Door Interior	Wood	Gray	0.2	49F PLAN II
492	1	1	D	Office Viewing	Wall Interior	Concrete	Beige	0.0	49F PLAN II
493	1	1	A	Restroom	Wall Interior	Concrete	Blue	0.0	43D PLAN II
494	1	1	A	Restroom	Wall Exterior	Ceramic	Beige	2.9	43D PLAN II
495	1	1	B	Restroom	Wall Interior	Concrete	Blue	0.0	43D PLAN II
496	1	1	B	Restroom	Wall Interior	Ceramic	Beige	1.3	43D PLAN II
497	1	1	C	Restroom	Wall Interior	Concrete	Blue	0.0	43D PLAN II
498	1	1	C	Restroom	Door Frame	Metal	Gray	0.7	43D PLAN II
499	1	1	C	Restroom	Door Interior	Wood	Gray	0.1	43D PLAN II
500	1	1	D	Restroom	Wall Interior	Concrete	Blue	0.1	43D PLAN II
501	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	41D PLAN II
502	1	1	A	Restroom	Wall Interior	Ceramic	Beige	1.1	41D PLAN II
503	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.1	41D PLAN II
504	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.9	41D PLAN II
505	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.2	41D PLAN II
506	1	1	C	Restroom	Wall Interior	Ceramic	Beige	2.5	41D PLAN II
507	1	1	C	Restroom	Door Frame	Metal	Gray	0.0	41D PLAN II
508	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	41D PLAN II
509	1	1	C	Restroom	Wall Interior	Ceramic	Beige	2.6	43D PLAN II
510	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	39D PLAN II
511	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.1	39D PLAN II
512	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.1	39D PLAN II
513	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.9	39D PLAN II
514	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.2	39D PLAN II
515	1	1	C	Restroom	Wall Interior	Ceramic	Beige	1.3	39D PLAN II
516	1	1	C	Restroom	Door Frame	Metal	Gray	0.0	39D PLAN II
517	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	39D PLAN II
518	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.1	39D PLAN II
519	1	1	D	Restroom	Wall Interior	Ceramic	Beige	2.0	39D PLAN II
520	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.2	40D PLAN II
521	1	1	A	Restroom	Wall Interior	Ceramic	Beige	1.5	40D PLAN II

Lead Based Paint - XRF Testing Results

Project:		CDT Maunabo		Date:					
Municipality:		Maunabo		Contact:					
XRF Brand		Viken Detection		XRF Serie Num					
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm ²)	Comments
522	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.2	40D PLAN II
523	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.2	40D PLAN II
524	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	40D PLAN II
525	1	1	C	Restroom	Wall Interior	Ceramic	Beige	2.6	40D PLAN II
526	1	1	C	Restroom	Door Frame	Metal	Gray	0.7	40D PLAN II
527	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	40D PLAN II
528	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	40D PLAN II
529	1	1	D	Restroom	Wall Interior	Ceramic	Beige	1.2	40D PLAN II
530	1	1	A	Central Sterilizing	Wall Interior	Concrete	Beige	0.1	44E PLAN II
531	1	1	B	Central Sterilizing	Wall Interior	Concrete	Beige	0.1	44E PLAN II
532	1	1	C	Central Sterilizing	Wall Interior	Concrete	Beige	0.1	44E PLAN II
533	1	1	C	Central Sterilizing	Door Frame	Metal	Gray	0.7	44E PLAN II
534	1	1	D	Central Sterilizing	Wall Interior	Concrete	Beige	0.0	44E PLAN II
535	1	1	A	Soiled Linen	Wall Interior	Drywall	Beige	3.0	37C PLAN II
536	1	1	B	Soiled Linen	Wall Interior	Concrete	Beige	0.0	37C PLAN II
537	1	1	C	Soiled Linen	Wall Interior	Concrete	Beige	0.2	37C PLAN II
538	1	1	C	Soiled Linen	Door Frame	Metal	Gray	0.8	37C PLAN II
539	1	1	C	Soiled Linen	Door Interior	Wood	Gray	0.0	37C PLAN II
540	1	1	D	Soiled Linen	Wall Interior	Concrete	Beige	0.2	37C PLAN II
541	1	1	A	Telephone Equipment	Wall Interior	Drywall	Beige	0.1	91E PLAN II
542	1	1	B	Telephone Equipment	Wall Interior	Concrete	Beige	0.1	91E PLAN II
543	1	1	C	Telephone Equipment	Door Frame	Metal	Gray	0.7	91E PLAN II
544	1	1	C	Telephone Equipment	Door Interior	Wood	Gray	0.0	91E PLAN II
545	1	1	C	Telephone Equipment	Wall Interior	Concrete	Beige	0.0	91E PLAN II
546	1	1	D	Telephone Equipment	Wall Interior	Concrete	Beige	0.0	91E PLAN II
547	1	1	A	Laboratory	Wall Interior	Drywall	Beige	0.3	90C PLAN II
548	1	1	A	Laboratory	Column	Metal	Beige	0.3	90C PLAN II
549	1	1	A	Laboratory	Wall Interior	Concrete	Beige	0.2	90C PLAN II
550	1	1	D	Laboratory	Wall Interior	Drywall	Beige	0.1	90C PLAN II
551	1	1	B	Laboratory	Wall Interior	Drywall	Beige	0.2	90C PLAN II
552	1	1	C	Laboratory	Wall Interior	Concrete	Beige	0.0	90C PLAN II
553	1	1	C	Laboratory	Column	Metal	Gray	0.3	90C PLAN II
554	1	1	C	Laboratory	Door Frame	Metal	Gray	0.7	90C PLAN II
555	1	1	C	Laboratory	Door Interior	Metal	Gray	0.1	90C PLAN II
556	1	1	A	Waiting room	Wall Interior	Concrete	Beige	0.0	88C PLAN II
557	1	1	B	Waiting room	Wall Interior	Concrete	Beige	0.0	88C PLAN II
558	1	1	C	Waiting room	Wall Interior	Concrete	Beige	0.0	88C PLAN II
559	1	1	C	Waiting room	Door Frame	Metal	Beige	0.2	88C PLAN II
560	1	1	C	Waiting room	Door Interior	Wood	Beige	0.2	88C PLAN II
561	1	1	D	Waiting room	Wall Interior	Drywall	Beige	0.4	88C PLAN II
562	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	89D PLAN II
563	1	1	A	Restroom	Wall Interior	Ceramic	Beige	1.2	89D PLAN II
564	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.1	89D PLAN II
565	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.9	89D PLAN II
566	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.1	89D PLAN II
567	1	1	C	Restroom	Wall Interior	Ceramic	Beige	1.5	89D PLAN II
568	1	1	C	Restroom	Door Frame	Metal	Gray	0.0	89D PLAN II
569	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	89D PLAN II
570	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.2	89D PLAN II

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 4-May-22		Contact: Eddy Carlo Municipio de Maunabo					
Municipality: Maunabo		XRF Model		XRF Serie Num 2249					
XRF Brand		PB200i							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
571	1	1	D	Restroom	Wall Interior	Ceramic	Beige	2.6	89D PLAN I
572	1	1	A	Interior court	Wall Exterior	Drywall	Beige	0.4	PLAN I
573	1	1	A	Interior court	Wall Exterior	Concrete	Beige	0.2	PLAN I
574	1	1	A	Interior court	Window Exterior	Drywall	Beige	0.0	PLAN I
575	1	1	B	Interior court	Wall Exterior	Concrete	Beige	0.1	PLAN I
576	1	1	B	Interior court	Window Exterior	Metal	Beige	0.0	PLAN I
577	1	1	C	Interior court	Wall Exterior	Concrete	Beige	0.2	PLAN I
578	1	1	D	Interior court	Wall Exterior	Drywall	Beige	0.3	PLAN I
579	1	1	D	Interior court	Wall Exterior	Concrete	Beige	0.1	PLAN I
580	1	1	A	Interior court	Alero	Metal	White	0.2	PLAN I
581	1	1	A	Record room	Wall Interior	Concrete	Beige	0.1	95C PLAN I
582	1	1	B	Record room	Wall Interior	Concrete	Beige	0.2	95C PLAN I
583	1	1	C	Record room	Wall Interior	Concrete	Beige	0.2	95C PLAN I
584	1	1	C	Record room	Door Frame	Metal	Gray	0.0	95C PLAN I
585	1	1	C	Record room	Door Interior	Wood	Gray	0.2	95C PLAN I
586	1	1	D	Record room	Wall Interior	Concrete	Beige	0.1	95C PLAN I
587	1	1	D	Record room	Door Frame	Metal	Gray	0.8	95C PLAN I
588	1	1	D	Record room	Door Interior	Wood	Gray	0.1	95C PLAN I
589	1	1	A	Secretarial Pool	Wall Interior	Drywall	Beige	0.3	28C PLAN I
590	1	1	B	Secretarial Pool	Wall Interior	Drywall	Beige	0.1	28C PLAN I
591	1	1	C	Secretarial Pool	Wall Interior	Drywall	Beige	0.1	28C PLAN I
592	1	1	D	Secretarial Pool	Wall Interior	Drywall	Beige	0.1	28C PLAN I
593	1	1	A	Health inspector	Wall Interior	Drywall	Beige	0.1	30C PLAN I
594	1	1	B	Health inspector	Wall Interior	Drywall	Beige	0.0	30C PLAN I
595	1	1	C	Health inspector	Wall Interior	Concrete	Beige	0.2	30C PLAN I
596	1	1	D	Health inspector	Wall Interior	Drywall	Beige	0.1	30C PLAN I
597	1	1	C	Health inspector	Door Frame	Metal	Gray	0.9	30C PLAN I
598	1	1	C	Health inspector	Door Interior	Wood	Gray	0.2	30C PLAN I
599	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	26D PLAN I
600	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.0	26D PLAN I
601	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.2	26D PLAN I
602	1	1	B	Restroom	Wall Interior	Ceramic	Beige	1.2	26D PLAN I
603	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.1	26D PLAN I
604	1	1	C	Restroom	Wall Interior	Ceramic	Beige	1.6	26D PLAN I
605	1	1	C	Restroom	Door Frame	Metal	Gray	0.1	26D PLAN I
606	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	26D PLAN I
607	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	26D PLAN I
608	1	1	D	Restroom	Wall Interior	Ceramic	Beige	2.6	26D PLAN I
609	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	27D PLAN I
610	1	1	A	Restroom	Wall Interior	Ceramic	Beige	1.6	27D PLAN I
611	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.1	27D PLAN I
612	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.0	27D PLAN I
613	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.7	27D PLAN I
614	1	1	C	Restroom	Wall Interior	Ceramic	Beige	1.5	27D PLAN I
615	1	1	C	Restroom	Door Frame	Metal	Gray	0.9	27D PLAN I
616	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	27D PLAN I
617	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.0	27D PLAN I
618	1	1	D	Restroom	Wall Interior	Ceramic	Beige	1.6	27D PLAN I
619	1	1	A	Conference room	Wall Interior	Drywall	Beige	0.3	23C PLAN I

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 4-May-22		Contact: Eddy Carlo Municipio de Maunabo					
Municipality: Maunabo		XRF Model		XRF Serie Num 2249					
XRF Brand		PB2001							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
620	1	1	B	Conference room	Wall Interior	Concrete	Beige	0.0	23C PLAN I
621	1	1	B	Conference room	Column	Metal	Gray	0.2	23C PLAN I
622	1	1	D	Conference room	Wall Interior	Drywall	Gray	0.1	23C PLAN I
623	1	1	C	Conference room	Wall Interior	Concrete	Beige	0.0	23C PLAN I
624	1	1	C	Conference room	Door Frame	Metal	Gray	0.6	23C PLAN I
625	1	1	C	Conference room	Door Interior	Wood	Gray	0.2	23C PLAN I
626	1	1	A	Hall	Wall Interior	Concrete	Beige	0.0	23C PLAN I
627	1	1	A	Hall	Door Frame	Metal	Gray	0.8	
628	1	1	A	Hall	Door Interior	Metal	Gray	0.3	
629	1	1	B	Hall	Wall Interior	Concrete	Beige	0.1	
630	1	1	D	Hall	Wall Interior	Concrete	Beige	0.1	
631	1	1	C	Hall	Wall Interior	Concrete	Beige	0.0	
632	1	1	A	Sub-waiting	Wall Interior	Drywall	Beige	0.0	19C PLAN I
633	1	1	B	Sub-waiting	Wall Interior	Drywall	Beige	0.0	19C PLAN I
634	1	1	D	Sub-waiting	Wall Interior	Drywall	Beige	0.0	19C PLAN I
635	1	1	A	Program-Crodiator	Wall Interior	Drywall	Beige	0.3	18C PLAN I
636	1	1	B	Program-Crodiator	Wall Interior	Drywall	Beige	0.0	18C PLAN I
637	1	1	C	Program-Crodiator	Wall Interior	Drywall	Beige	0.0	18C PLAN I
638	1	1	D	Program-Crodiator	Wall Interior	Drywall	Beige	0.1	18C PLAN I
639	1	1	C	Program-Crodiator	Door Frame	Metal	Gray	0.1	18C PLAN I
640	1	1	C	Program-Crodiator	Door Interior	Wood	Gray	0.0	18C PLAN I
641	1	1	A	Secretary & Asst	Wall Interior	Drywall	Beige	0.0	20C PLAN I
642	1	1	B	Secretary & Asst	Wall Interior	Drywall	Beige	0.1	20C PLAN I
643	1	1	C	Secretary & Asst	Wall Interior	Drywall	Beige	0.0	20C PLAN I
644	1	1	D	Secretary & Asst	Wall Interior	Drywall	Beige	0.1	20C PLAN I
645	1	1	A	Doctor & Exam	Wall Interior	Drywall	Beige	0.0	22C PLAN I
646	1	1	B	Doctor & Exam	Wall Interior	Drywall	Beige	0.0	22C PLAN I
647	1	1	C	Doctor & Exam	Wall Interior	Drywall	Beige	0.0	22C PLAN I
648	1	1	D	Doctor & Exam	Wall Interior	Drywall	Beige	0.0	22C PLAN I
649	1	1	C	Doctor & Exam	Door Interior	Wood	Gray	0.0	22C PLAN I
650	1	1	C	Doctor & Exam	Door Frame	Metal	Gray	0.1	22C PLAN I
651	1	1	A	Pharmacy Storage	Wall Interior	Concrete	Beige	0.1	15C PLAN I
652	1	1	B	Pharmacy Storage	Wall Interior	Concrete	Beige	0.1	15C PLAN I
653	1	1	C	Pharmacy Storage	Wall Interior	Concrete	Beige	0.0	15C PLAN I
654	1	1	C	Pharmacy Storage	Door Interior	Metal	Gray	0.2	15C PLAN I
655	1	1	C	Pharmacy Storage	Door Frame	Metal	Gray	0.5	15C PLAN I
656	1	1	A	Health Educator	Wall Interior	Concrete	Beige	0.0	99K PLAN I
657	1	1	B	Health Educator	Wall Interior	Concrete	Beige	0.0	99K PLAN I
658	1	1	C	Health Educator	Wall Interior	Concrete	Beige	0.1	99K PLAN I
659	1	1	C	Health Educator	Door Frame	Metal	Gray	0.0	99K PLAN I
660	1	1	C	Health Educator	Door Interior	Wood	Gray	0.0	99K PLAN I
661	1	1	D	Health Educator	Wall Interior	Drywall	Beige	0.1	99K PLAN I
662	1	1	A	Pharmacy	Wall Interior	Concrete	Yellow	0.0	14C PLAN I
663	1	1	B	Pharmacy	Wall Interior	Concrete	Blue	0.0	14C PLAN I
664	1	1	B	Pharmacy	Column	Metal	Blue	0.5	14C PLAN I
665	1	1	C	Pharmacy	Wall Interior	Concrete	Blue	0.1	14C PLAN I
666	1	1	D	Pharmacy	Wall Interior	Drywall	Blue	0.2	14C PLAN I
Pre-calibrations	1.0:0.8:0.9	9:33am	Inspector Name: Juan Fernandez						
Post-calibrations	1.1:1.0:1.1	1:56pm	Inspector Signature: Juan Fernandez						

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo		Date: 6-May-22							
Municipality: Maunabo		Contact: Eddy Carlo Municipio de Maunabo							
XRF brand: Viken Detection		XRF Serial Num 2249							
RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm ²)	Comments
667	1	1	A	Loading Platform	Wall Interior	Concrete	Brown	0.0	36E PLAN II
668			A	Loading Platform	Wall Interior	Metal	Brown	4.7	Duplicated 3.3 36E PLAN II
669			B	Loading Platform	Wall Interior	Concrete	Brown	0.2	36E PLAN II
670			C	Loading Platform	Gate	Metal	Gray	0.3	36E PLAN II
671			B	Loading Platform	Roof	Concrete	Beige	-0.2	36E PLAN II
672			D	Loading Platform	Wall Interior	Concrete	Brown	0.1	36E PLAN II
673			D	Loading Platform	Door Frame	Metal	Brown	-0.6	36E PLAN II
674			D	Loading Platform	Door Interior	Metal	Brown	0.1	36E PLAN II
675			A	General Storage	Wall Interior	Metal	Beige	0.2	38I PLAN II
676			A	General Storage	Window Interior	Metal	White	0.5	38I PLAN II
677			B	General Storage	Window Interior	Concrete	Beige	0.1	38I PLAN II
678			D	General Storage	Column	Metal	Gray	0.2	38I PLAN II
679			D	General Storage	Wall Interior	Wood	White	0.3	38I PLAN II
680			C	General Storage	Wall Interior	Concrete	Beige	0.3	38I PLAN II
681			A	Mechanical room	Wall Interior	Concrete	Blue	0.0	35G PLAN II
682			B	Mechanical room	Wall Interior	Metal	Blue	0.4	35G PLAN II
683			C	Mechanical room	Wall Interior	Concrete	Blue	0.1	35G PLAN II
684			C	Mechanical room	Door Frame	Metal	Gray	0.1	35G PLAN II
685			C	Mechanical room	Door Interior	Metal	Gray	0.4	35G PLAN II
686			A	INC. room	Door Frame	Concrete	Gray	0.0	55A PLAN II
687			A	INC. room	Door Exterior	Metal	Gray	0.3	55A PLAN II
688			A	INC. room	Stairs	Metal	Yellow	0.5	55A PLAN II
Pre-calibrations	1.0;0.8;0.9	9:33am	1.0;1.0;1.0	10:56am	Inspector Name: Juan Fernandez				
Post-calibrations	1.1;1.0;1.1	1:56pm	1.2;1.1;	12:45	Inspector Signature: Juan Fernandez				



For your environmental situation, ... we have the solution!

To Whom It May Concern:

I, Liza M. Colón, in my capacity as Puerto Rico Certified Chemist, I hereby certify the attached Analytical Results for CMA Architects & Engineers- CDT Maunabo, PR- Project Number: C22050125- Lead in Paint.

Liza M. Colón



Date

05/10/22

Analytical Environmental Services International, Inc.

#611 2nd Floor Monserrate Street, Santurce Puerto Rico, 00907

Tel. (787) 722-0220

Fax (787) 724-5788



AES International Inc.
611 Monserrate ST, 2nd floor, Santurce, PR 00907
Tel: 787-722-0220 Fax: 787-724-5788
www.aesipr.org

LABORATORY ENDORSEMENT

REPORT NUMBER



RP22051019

JOB ID : C22050125

Sample analysis was performed in accordance with analytical method "EPA Standard Operating Procedures for Lead in Paint in Paint by Hotplate or Microwave Based Acid Digestion and Atomic Absorption or Inductively Coupled Plasma Emission Spectroscopy" September 1991, PB92-114172.

Sample receipt at AES International, Inc. is documented through the attached chain of custody. Samples were received on acceptable conditions.

This test report cannot be reproduced, except in full, without written approval of AES International, Inc. Analytical results met all quality control requirements of the test method. Results were not corrected for field blanks. Results relate only to the samples tested.

The results contained within this report are intended for use of the customer. Any unauthorized use of the information contained in this report is prohibited. Estimated uncertainty of measurement is available upon request.

I certify that this data package is in compliance with the terms and conditions of the contract, both technical and for completeness, for other than the conditions detailed above. Release of data contained in this hardcopy data package and the electronic data deliverable has been authorized by the Quality Assurance Manager/PR Certified Chemist or her designee, as verified by the following signature.



Name: [Colon]

Title: Lab Manager



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907

Tel: (787) 722-0220 Fax: (787) 724-5788

ANALYTICAL RESULTS

REPORT NUMBER



RP22051019

Date : 05/09/22 09:00

Job ID : C22050125

Client Name:	CMA Architects & Engineers	Attention To: Pedro Janer
Project Name:	CDT Maunabo, PR	Date : 05/10/2022

Client Sample ID: P-1
Job Sample ID: C22050125.01
Sample Description: X-Ray Room Clinical Dental Door Wall C Wood Gray

Sample Matrix: Paint
Date Collected: 05/06/2022
Date Received: 05/09/2022

Test Method	Parameter/Test Description	Result	Units	RQL Limit	Date/Time Analyzed	Analyst
PB92-114172	SOP for Lead In Paint					
	Lead	0.043	w%	0.010	05/10/2022 14:03	Nemesis Nieves

Client Sample ID: P-2
Job Sample ID: C22050125.02
Sample Description: Work Area Clinical Dental Wall D Metal Panel Blue

Sample Matrix: Paint
Date Collected: 05/06/2022
Date Received: 05/09/2022

Test Method	Parameter/Test Description	Result	Units	RQL Limit	Date/Time Analyzed	Analyst
PB92-114172	SOP for Lead In Paint					
	Lead	< 0.010	w%	0.010	05/10/2022 14:00	Nemesis Nieves

Client Sample ID: P-3
Job Sample ID: C22050125.03
Sample Description: X-Ray Room 50F Wall A Door Gray/Yellow

Sample Matrix: Paint
Date Collected: 05/06/2022
Date Received: 05/09/2022

Test Method	Parameter/Test Description	Result	Units	RQL Limit	Date/Time Analyzed	Analyst
PB92-114172	SOP for Lead In Paint					
	Lead	0.047	w%	0.010	05/10/2022 14:04	Nemesis Nieves





AES International Inc.
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Tel: 787-722-0220 Fax: 787-724-5788
www.aesipr.org

QUALITY CONTROL DATA SUMMARY

Job ID : C22050125

REPORT NUMBER

RP22051019

Analysis : SOP for Lead in Paint

Method : PB92-114172

Reporting Units : w%

QC Batch ID : Qb22051003

Created Date : 05/10/2022

Created By : nnieves

Samples in This QC Batch : C22050125.01,02,03

Approved Date: 05/10/2022

Approved By : Icolon

QC Type: Method Blank								
Parameter	QCType	CAS #	Result	Units	D.F.	RptLimit		Qual
Lead	CCB 2		< 0.13	mg/L	1	0.13		
Lead	CCB 3		< 0.13	mg/L	1	0.13		
Lead	Reagent Blank		< 0.13	mg/L	1	0.13		
Lead	CCB		< 0.13	mg/L	1	0.13		
Lead	ICB		< 0.13	mg/L	1	0.13		

QC Type: Laboratory Control Sample												
Parameter	QCType	LCS VALUE	LCS Result	LCS %Rec	LCS Dup Added	LCS DUP Result	LCS Dup %Rec	Units	%RPD	RPD QCLimit	%Recovery QCLimit	Qual
Lead	RLV	0.0100	0.0110	110.00				w%			80-120	
Lead	LCS	0.196	0.1840	93.90				w%			80-99	
Lead	IPC Paint	10.0	10.8	108.00				ug			80-120	

QC Type: MS and MSD												
QC Sample ID: C22050125.02												
Parameter	QCType	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	%RPD	RPD QCLimit	%Rec QCLimit	Qual
Lead	MS , MSD	< 0.010	0.302	0.247	81.10	0.302	0.244	80.10	1.23	2.66	78-97	

QC Type: Initial and Continuing Calibration Check.								
Parameter	QCType	Result	Units	Standard Value	Std Units	% Rec	%Rec QCLimit	Qual
Lead	CCV	5.06	mg/L	5.00	mg/L	101.20	90-110	
Lead	CCV 2	5.08	mg/L	5.00	mg/L	101.60	90-110	
Lead	CCV 3	5.12	mg/L	5.00	mg/L	102.40	90-110	
Lead	ICV	1.00	mg/L	1.00	mg/L	100.00	90-110	

Refer to the Definition page for terms.



AES International Inc.
611 Monserrate ST, 2nd floor, Santurce, PR 00907
Tel: 787-722-0220 Fax: 787-724-5788
www.aeslpr.org

QUALITY CONTROL DATA SUMMARY

Job ID : C22050125

REPORT NUMBER



RP22051019

Analysis : SOP for Lead in Paint

Method : PB92-114172

Reporting Units : w%

QC Batch ID : Qb22051003

Created Date : 05/10/2022

Created By : nnieves

Samples in This QC Batch : C22050125.01,02,03

Approved Date: 05/10/2022

Approved By : lcolon



Ph: (787) 722-0220 Fax: (787) 724-5788

Project Name: CVT Hawnabo
 Site Location: Hawnabo
 Samplers Name: John Fawcett
 Company: CHM

COC-010/Rev 2/2016

Turnaround Time:	Normal: ☐	Rush: ☒	Sampling Witness:
Comments:			Witness Company:

Relinquished By: <i>Jose R. Garcia</i>	Date/Time <i>9:00 PM</i>	☒ Delivered Directly to Lab: _____ Method of Shipment: _____ Lab. Recipient: _____ Date:
Received By: <i>Johns</i>	Date/Time <i>5/9/22 9:00</i>	
Relinquished By:	Date/Time	
Received By:	Date/Time	

*Job ID: C22050125



CMA Architects & Engineers

Appendix D

Certified Inspector Credentials & Company Certification

CERTIFICACIÓN PLOMO PUERTO RICO



Esta tarjeta autoriza a:
Juan A. Fernández Córdova
 Para realizar actividades relacionadas a
 Mitigación de Pintura con Base de Plomo

Disciplina: **Inspector**
 Fecha de Expiración: **Noviembre 18, 2022**

Certificación #: **LBPI-29821-348**



Firma Autorizada
 Departamento de Recursos Naturales y
 Ambientales

CERTIFICACIÓN PLOMO PUERTO RICO



Esta tarjeta autoriza a:
Pedro A. Janer Vila
 Para realizar actividades relacionadas a
 Mitigación de Pintura con Base de Plomo

Disciplina: **Inspector**
 Fecha de Expiración: **Octubre 20, 2022**

Certificación #: **LBPI-29421-334**



Firma Autorizada
 Departamento de Recursos Naturales y
 Ambientales



GOBIERNO DE PUERTO RICO
DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES

Este certificado es otorgado a:

CMA Architects & Engineers LLC

Por haber cumplido con los requisitos establecidos en el Capítulo VI, Regla 127 del Reglamento para el Manejo Adecuado de Actividades de Pintura con Base de Plomo. Se le otorga esta certificación como Firma para llevar a cabo actividades relacionadas a Mitigación de Pintura con base de plomo en la jurisdicción de Puerto Rico.

Número de Certificado

LBPf-01222-002

Fecha de emisión: Enero 14, 2022

Fecha de Expiración: Enero 13, 2023



José Roque Juliá
Jefe

División Desperdicios Tóxicos