JUNTA DE SUBASTAS

Hon. Pedro R. Pierluisi Urrutia
Gobernador

Lcda. Karla G. Mercado Rivera
Administradora y Principal Oficial de Compras

NOTIFICACION NUM. 1

SUBASTA FORMAL 22J-11819
PARA EL SERVICIO DE DEMOLICIÓN DE ESTRUCTURA Y RECOGIDO DE ESCOMBROS DEL CDT DE MAUNABO, ADSCRITO AL DEPARTAMENTO DE SALUD DEL GOBIERNO DE PUERTO RICO

ASUNTO: ESTUDIO DE ASBESTO Y PLOMO

Se notifica a los licitadores interesados en participar de la subasta de referencia de la siguiente información sobre las facilidades del CDT de Maunabo:

Se adjuntan los siguientes documentos:

I. ***Asbestos Containing Materials Inspection Report.***

II. ***Lead Based Inspection Report.***

Esta Notificación forma parte del pliego de subasta y quienes interesen licitar, tendrán que considerarla al presentar su oferta. Todos los demás términos, condiciones y especificaciones permanecerán sin alterar.

Edmarie Avilés Almenas
Secretaria
Junta de Subastas

Emitido hoy: martes, 16 de agosto de 2022
En San Juan, P.R.

JUNTA DE SUBASTAS ASG GOBIERNO DE PUERTO RICO

Administración de Servicios Generales
Gobierno De Puerto Rico
PO Box 41249 San Juan, PR 00940 | (787) 759-7676
juntadesubastas@ asg.pr.gov

ASBESTOS CONTAINING MATERIALS INSPECTION REPORT

CDT Maunabo

Prepared for:

DEPARTAMENTO DE SALUD

Maunabo, Puerto Rico

Prepared by:
CMA Architects & Engineers LLC

May 9, 2022

CMA ARCHITECTS & ENGINEERS LLC

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List of Appendix

1.0 INTRODUCTION

An environmental survey for Asbestos Containing Materials (ACM) was conducted by Puerto Rico Department of Natural and Environmental Resources (DNER) registered Asbestos 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.

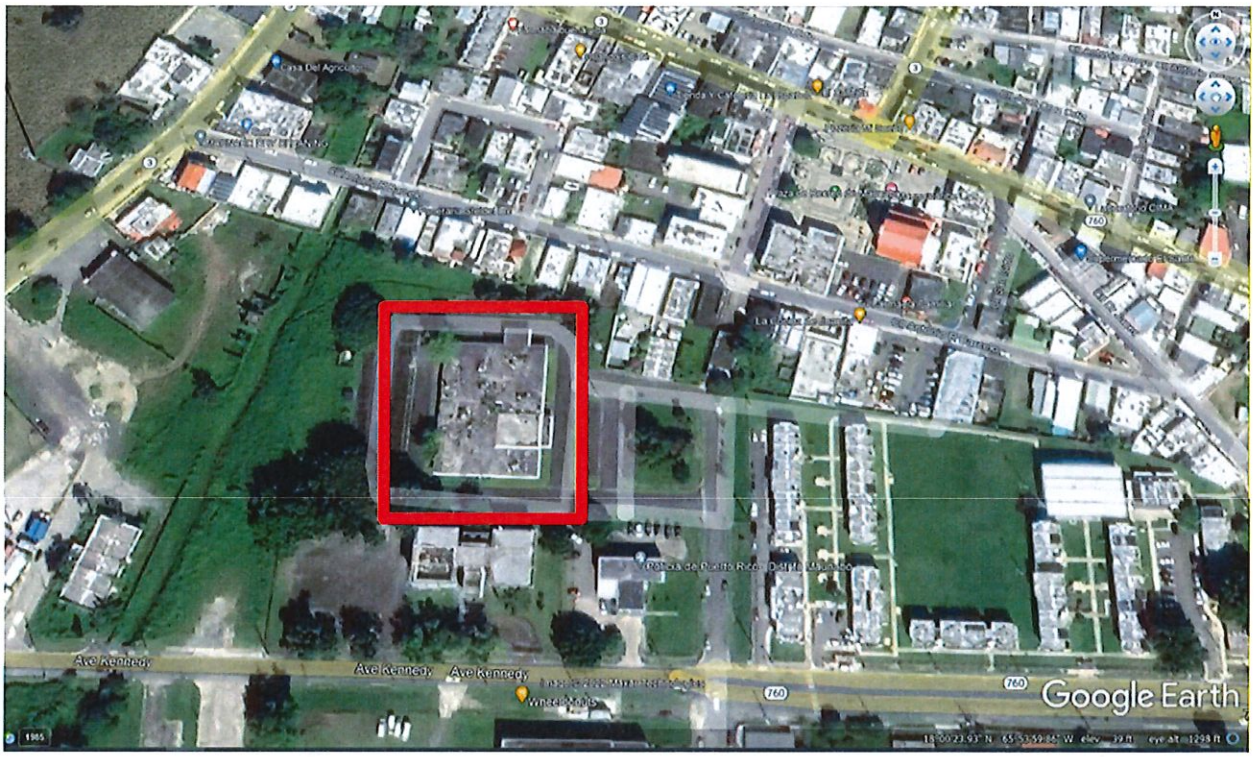


Figure Number 1 – Aerial Photo

For ACM, the survey was performed based on Asbestos Hazard Emergency Response Act (AHERA) protocol, according to the following scenario:

A. The structure was divided in functional spaces.

B. Physical and Hazard Assessment of suspected asbestos containing materials was performed.

The materials are defined as asbestos containing materials (ACM) if they contain more than 1% of asbestos. Samples are analyzed by Polarized Light Microscopy method (PLM), in accordance with EPA recommended procedures.

Asbestos was used in the construction industry from 1900 to 1989 and still being today in various products. The mere presence of asbestos containing materials does not necessary constitute a health hazard. However, when these materials become disturbed from building renovation, maintenance, or other activities that allow asbestos fibers to be released into the environment, a potential hazard does exist.

2.0 TESTING / SAMPLING PROCEDURES

For asbestos, all functional spaces will be visited and visually inspected to identify the location of any suspected ACM. An assessment will be made of the friability of suspected ACM by touching the material to determine if could be pulverized, crumbled, or reduced to powder by hand pressure. Upon completion of functional space investigation, bulk samples were collected of all suspect materials (if any) and grouped into homogeneous sampling areas (areas which are uniform by color, texture, construction / application date and general appearance). **Appendix A** shows a copy of the Layout Plan. The following photos show a general view of the sample's location.

Photo Number 1 – Alero Building exterior, Wall "B"

Photo Number 2 – Alero Building Exterior, Wall "C"

Photo Number 3 – Drywall Building Exterior, Wall "D"

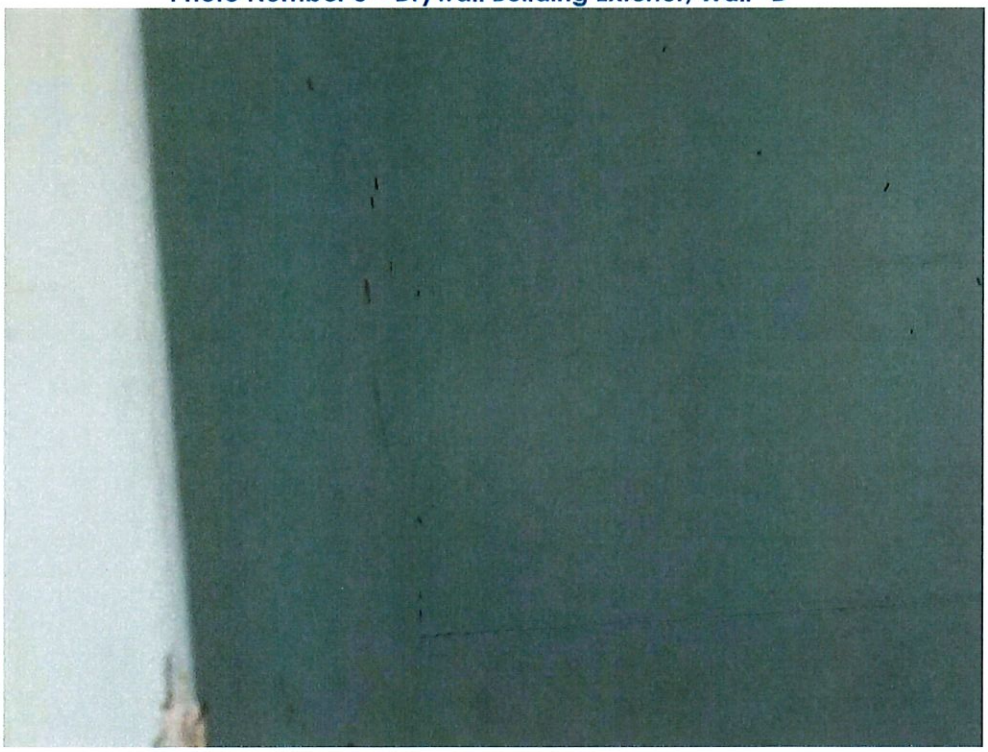


Photo Number 4 – Clinical Dental X-Ray Room Wall "C"

Photo Number 5 – Work Area Floor Tiles

Photo Number 6 – Information Room Floor Tiles

Photo Number 7 – Exam & Treatment Room Red Mastic Duct Air

Photo Number 8 – Exam & Treatment Room Acoustic Ceiling

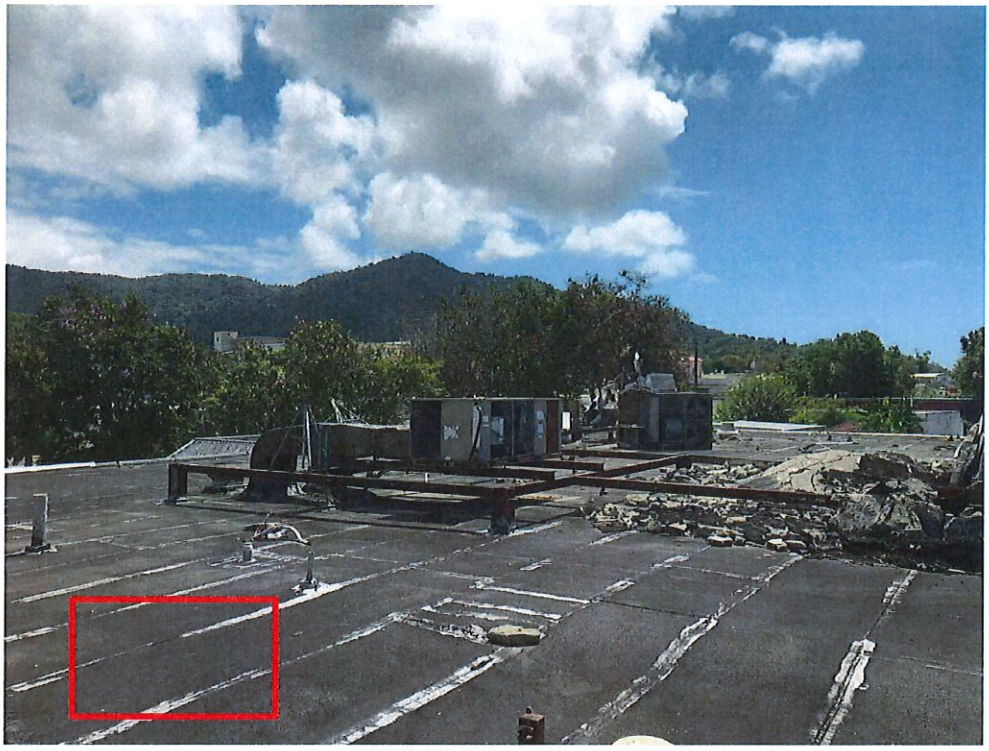


Photo Number 10 – Roof Treatment

Photo Number 11- Roof Concrete

Photo Number 12- Hot Water Return Pipe Insulation

3.0 INSPECTION RESULTS FOR ASBESTOS

ACM suspected elements were collected at the CDT Maunabo material components included wall interior and exterior building, Alero, red mastic in the duct air, acoustic ceiling, Alero and floor tiles. Thirty-five (35) samples were analyzed at the laboratory. **Appendix B** shows a copy of the laboratory analysis report.

Bulk samples were analyzed by Polarized Light Microscopy method (PLM), in accordance with EPA recommended procedures. ACM Inspector[1] Credentials is included in **Appendix C**.

Of these bulk samples, six positives were found to contain Asbestos fibers and are positive for ACM under current regulations. The following tables show a summary of the sample results.

[1] A person accredited by an asbestos-training school and registered in the Board; the one that determines the presence of asbestos in a building. Must evaluate the asbestos-containing material and building characteristics.

Table Number 1: Laboratory Results Summary Building Job ID: B22050014					
CMA No. 21300			LBP Inspector: Pedro A. Janer[2] Juan A. Fernández		
Date of Inspection: May 3,2022			Date of Results: May 4, 2022		
Sample ID	**Functional Space**	**Location**	**Type**	**Laboratory Result %**	**Positive/ Negative**
ACM-1	Alero	Building exterior, Wall B	Miscellaneous	Synthetic 4, Sand/ Aggregates 60, Binders/Paint 36	Negative
ACM-2	Alero	Building exterior, Wall B	Miscellaneous	Synthetic 3, Sand/ Aggregates 50, Binders/Paint 47	Negative
ACM-3	Alero	Building exterior, Wall B	Miscellaneous	Synthetic 2, Sand/ Aggregates 78, Binders/Paint 20	Negative
ACM-4	Alero	Building exterior, Wall C	Miscellaneous	Cellulose 2, Synthetic 2 Sand/ Aggregates 75, Binders/Paint 21	Negative
ACM-5	Alero	Building exterior, Wall C	Miscellaneous	Cellulose 2, Synthetic 3 Metal 15 Sand/ Aggregates 75, Binders/Paint 5	Negative
ACM-6	Alero	Building exterior, Wall C	Miscellaneous	Cellulose 3, Synthetic 2 Metal 15 Sand/ Aggregates 50, Binders/Paint 30	Negative
ACM-7	Drywall	Building exterior, Wall D	Miscellaneous	Cellulose 12, Glass Fiber 15 Sand/ Aggregates 25, Binders/Paint 48	Negative
ACM-8	Drywall	Building exterior, Wall D	Miscellaneous	Cellulose 10, Synthetic 12 Sand/ Aggregates 50, Binders/Paint 28	Negative
ACM-9	Drywall	Building exterior, Wall D	Miscellaneous	Cellulose 15, Synthetic 20 Sand/ Aggregates 45, Binders/Paint 20	Negative
ACM-10	Wall C	Clinical Dental X-ray room 8C PLAN III	Miscellaneous	Cellulose 15, Synthetic 10 Binders/Paint 75	Negative
ACM-11	Wall C	Clinical Dental X-ray room 8C PLAN III	Miscellaneous	Cellulose 15, Synthetic 12 Binders/Paint 73	Negative
ACM-12	Wall C	Clinical Dental X-ray room 8C PLAN III	Miscellaneous	Cellulose 18, Synthetic 10 Binders/Paint 72	Negative
ACM-14	Tile Floor	Work Area 6C PLAN III	Miscellaneous	Cellulose 2 Sand/ Aggregates 25 Glue 5 Binders/Paint 68	Negative
ACM-15	Tile Floor	Work Area 6C PLAN III	Miscellaneous	Cellulose 2 Sand/ Aggregates 20 Glue 5	Negative

[2] ACM Inspector Credential is included as Appendix B.

Table Number 1: Laboratory Results Summary Building Job ID: B22050014					
CMA No. 21300			LBP Inspector: Pedro A. Janer[2] Juan A. Fernández		
Date of Inspection: May 3,2022			Date of Results: May 4, 2022		
Sample ID	Functional Space	Location	Type	Laboratory Result %	Positive/ Negative
				Binders/Paint 73	
ACM-16	Tile Floor	Information room 97C PLAN II	Miscellaneous	Cellulose 3 Bitumen 5 Sand/ Aggregates 25 Binders/Paint 65	Positive/Chrysotile 2
ACM-17	Tile Floor	Information room 97C PLAN II	Miscellaneous	Cellulose 2 Bitumen 5 Sand/ Aggregates 30 Binders/Paint 61	Positive/Chrysotile 2
ACM-18	Tile Floor	Information room 97C PLAN II	Miscellaneous	Cellulose 2 Bitumen 5 Sand/ Aggregates 20 Binders/Paint 71	Positive/Chrysotile 2

Table Number 1: Laboratory Results Summary Building Job ID: B22050023					
CMA No. 21300			LBP Inspector: Pedro A. Janer[3] Juan A. Fernández		
Date of Inspection: May 4,2022			Date of Results: May 5, 2022		
Sample ID	Functional Space	Location	Type	Laboratory Result %	Positive/ Negative
ACM-19	Red Mastic Duct Air	Exam & Treath 79C PLAN III	Miscellaneous	Cellulose 1 Aluminum 5 Glue 91	Positive/Chrysotile 3
ACM-20	Red Mastic Duct Air	Exam & Treath 79C PLAN III	Miscellaneous	Aluminum 3 Glue 95	Positive/Chrysotile 2
ACM-21	Red Mastic Duct Air	Exam & Treath 79C PLAN III	Miscellaneous	Cellulose 1 Glue 96	Positive/Chrysotile 3
ACM-22	Ceiling Tiles	Exam & Treath 79C PLAN III	Miscellaneous	Cellulose 25 Glass Fibers 10 Mineral wool 10 Perlite 25 Binders/Paint 30	Negative
ACM-23	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 12 Bitumen 61 Sand/ Aggregates 25	Negative
ACM-24	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 10 Bitumen 58 Sand/ Aggregates 30	Negative
ACM-25	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 11 Bitumen 62 Sand/ Aggregates 25	Negative
ACM-26	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 8 Bitumen 67	Negative

[3] ACM Inspector Credential is included as Appendix B.

Table Number 1: Laboratory Results Summary Building Job ID: B22050023					
CMA No. 21300				LBP Inspector: Pedro A. Janer[3] Juan A. Fernández	
Date of Inspection: May 4,2022				Date of Results: May 5, 2022	
Sample ID	Functional Space	Location	Type	Laboratory Result %	Positive/ Negative
				Sand/ Aggregates 23	
ACM-27	Roof	Treatment	Miscellaneous	Cellulose 3 Glass Fibers 7 Bitumen 70 Sand/ Aggregates 20	Negative
ACM-28	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 20 Bitumen 75 Sand/ Aggregates 3	Negative
ACM-29	Roof	Treatment	Miscellaneous	Cellulose 2 Glass Fibers 30 Bitumen 58 Sand/ Aggregates 10	Negative
ACM-30	Roof	Concrete	Miscellaneous	Bitumen 10 Sand/ Aggregates 70 Binders/Paint 20	Negative
ACM-31	Roof	Concrete	Miscellaneous	Bitumen 7 Sand/ Aggregates 68 Binders/Paint 25	Negative
ACM-32	Roof	Concrete	Miscellaneous	Bitumen 3 Sand/ Aggregates 70 Binders/Paint 27	Negative

Table Number 1: Laboratory Results Summary Building Job ID: B22050037					
CMA No. 21300				LBP Inspector: Pedro A. Janer[4] Juan A. Fernández	
Date of Inspection: May 6,2022				Date of Results: May 9, 2022	
Sample ID	Functional Space	Location	Type	Laboratory Result %	Positive/ Negative
ACM-33	Hot Weather Return	Mechanical Room	Thermal system insulation	Glass Fibers 100	Negative
ACM-34	Hot Weather Return	Mechanical Room	Thermal system insulation	Glass Fibers 100	Negative
ACM-35	Hot Weather Return	Mechanical Room	Thermal system insulation	Glass Fibers 100	Negative

[4] ACM Inspector Credential is included as Appendix B.

4.0 CONCLUSIONS

Laboratory analysis confirmed the presence of asbestos in the red mastic air ducts at exam and treatment room (79C) and vinyl floor tiles bulk samples, from the information area (97C). Refer Appendix A & B Lay-out Plan Drawings and Laboratory Results.

If the materials with ACM will be impacted during the future projects, the ACM shall be removed prior to start the construction activity. The ACM abatement shall be carried out by a Licensed Asbestos Contractor with Certified Asbestos Supervisors and Workers. This report shall be kept by the owner and all future owners for the life of the building. A copy of the report shall be given to each tenant, buyer, or lessor, as to comply with federal requirements for disclosure under section 1018 of Title X and lead disclosure rule of 1996.

This inspection was performed, in general accordance with the U.S. Environmental Protection Agency and 40 CFR 763 AHERA, 40 CFR61, Sub Part M NESHAP and the Department of Natural and Environmental Resources (DNER) guidelines for presence of asbestos containing materials inspections.

5.0 INSPECTION CERTIFICATION

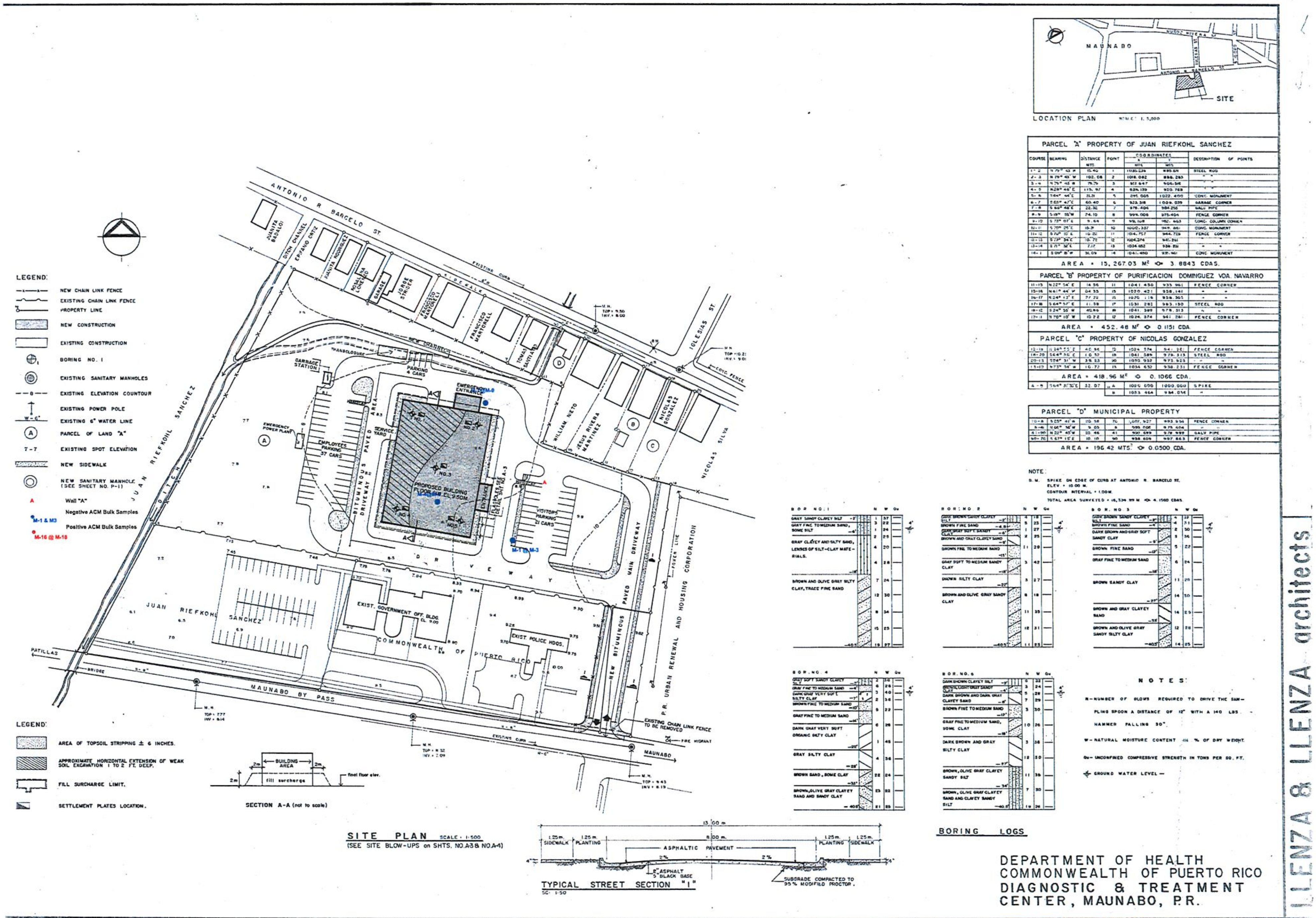
I, Pedro A. Janer Vila, have conducted this Asbestos Containing Materials Inspection at PRARNG Readiness Center, in the municipality of Aguadilla, in general accordance with Puerto Rico Department of Natural and Environmental Resources (DNER) & Federal Applicable Regulations.

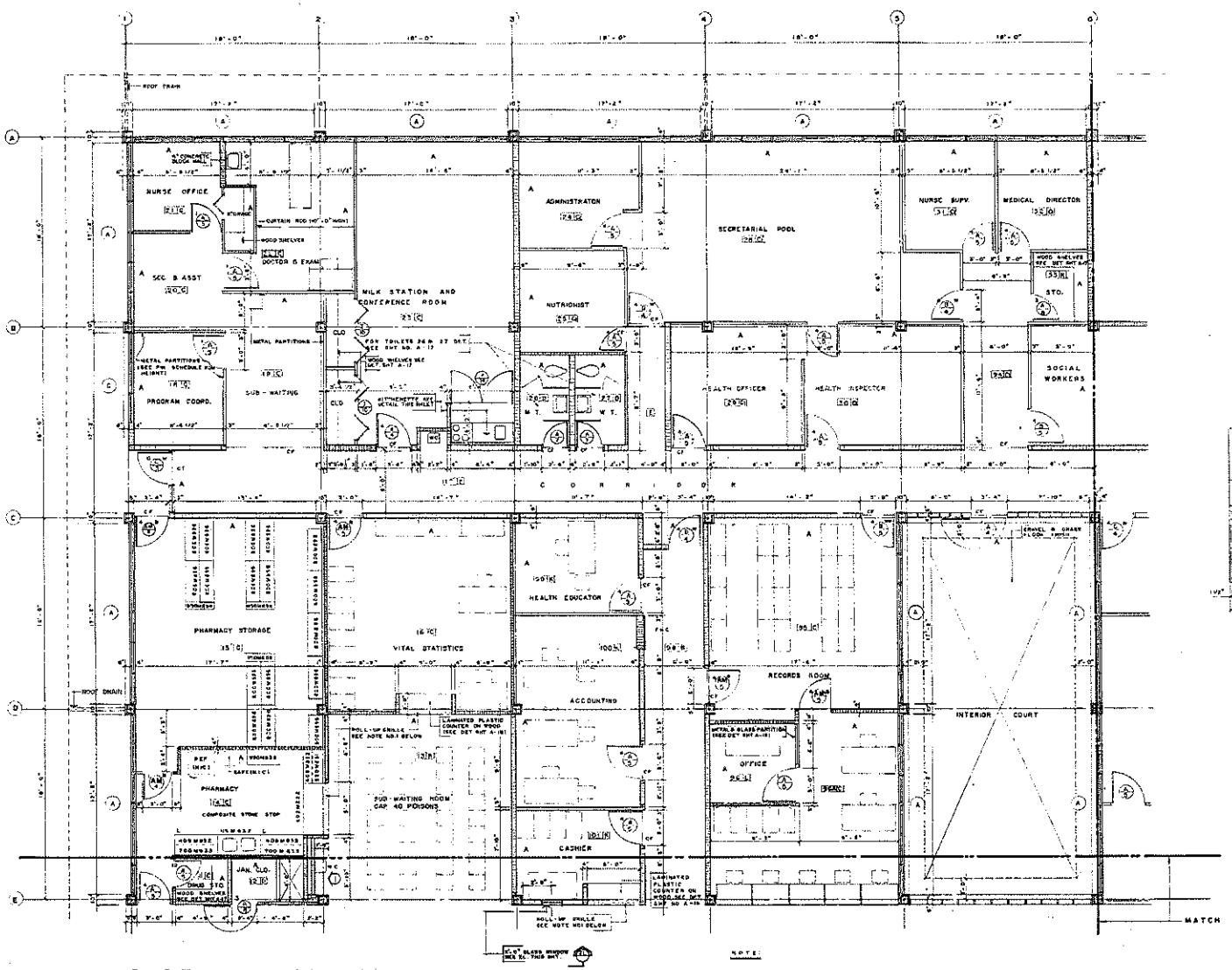
By:

Pedro A. Janer Vila
Asbestos Containing Materials Registered Inspector
[5]ASB-0821-0382-SI

[5] Appendix C Certified Inspector Credentials

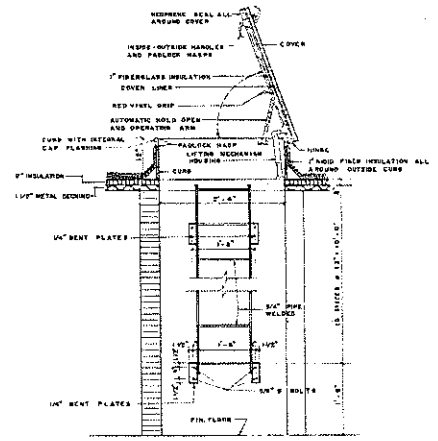
Appendix A
Layout Floor Plan


LLENZA & LLENZA architects
LOCATION PLAN
MAUNABO
SITE
PARCEL "A" PROPERTY OF JUAN RIEFKOHL SANCHEZ
AREA = 15,267.03 M² ◇ 3.8843 CDAS.
PARCEL "B" PROPERTY OF PURIFICACION DOMINGUEZ VDA. NAVARRO
AREA = 452.46 M² ◇ 0.1151 CDA.
PARCEL "C" PROPERTY OF NICOLAS GONZALEZ
AREA = 418.96 M² ◇ 0.1066 CDA.
PARCEL "D" MUNICIPAL PROPERTY
AREA = 196.42 MTS² ◇ 0.0500 CDA.
LEGEND:
NEW CHAIN LINK FENCE
EXISTING CHAIN LINK FENCE
PROPERTY LINE
NEW CONSTRUCTION
EXISTING CONSTRUCTION
BORING NO. 1
EXISTING SANITARY MANHOLES
EXISTING ELEVATION COUNTOUR
EXISTING POWER POLE
EXISTING 6" WATER LINE
PARCEL OF LAND "A"
EXISTING SPOT ELEVATION
NEW SIDEWALK
NEW SANITARY MANHOLE (SEE SHEET NO. P-1)
Wall "A"
M-1 & M3 Negative ACM Bulk Samples
M-16 @ M-18 Positive ACM Bulk Samples
LEGEND:
AREA OF TOPSOIL STRIPPING ± 6 INCHES.
APPROXIMATE HORIZONTAL EXTENSION OF WEAK SOIL EXCAVATION 1 TO 2 FT. DEEP.
FILL SURCHARGE LIMIT.
SETTLEMENT PLATES LOCATION.
SECTION A-A (not to scale)
ANTONIO R. BARCELO ST.
IGLESIAS ST.
NICOLAS SILVA
MAUNABO BY PASS
MAUNABO
PATILLAS
PROPOSED BUILDING
EMPLOYEES PARKING 37 CARS
VISITORS PARKING 21 CARS
EXIST. GOVERNMENT OFF. BLDG.
EXIST. POLICE HDQS.
COMMONWEALTH OF PUERTO RICO
P.R. URBAN RENEWAL AND HOUSING CORPORATION
JUAN RIEFKOHL SANCHEZ
NEW BITUMINOUS PAVED MAIN DRIVEWAY
EXISTING CHAIN LINK FENCE TO BE REMOVED
SITE PLAN SCALE: 1:500
(SEE SITE BLOW-UPS on SHTS. NO.A3 & NO.A4)
TYPICAL STREET SECTION "1"
SIDEWALK PLANTING ASPHALTIC PAVEMENT PLANTING SIDEWALK
SUBGRADE COMPACTED TO 95% MODIFIED PROCTOR.
BORING LOGS
NOTES:
N - NUMBER OF BLOWS REQUIRED TO DRIVE THE SAMPLING SPOON A DISTANCE OF 12" WITH A 140 LBS. HAMMER FALLING 30".
W - NATURAL MOISTURE CONTENT IN % OF DRY WEIGHT.
Qu - UNCONFINED COMPRESSIVE STRENGTH IN TONS PER SQ. FT.
GROUND WATER LEVEL
DEPARTMENT OF HEALTH
COMMONWEALTH OF PUERTO RICO
DIAGNOSTIC & TREATMENT CENTER, MAUNABO, P.R.
A-2



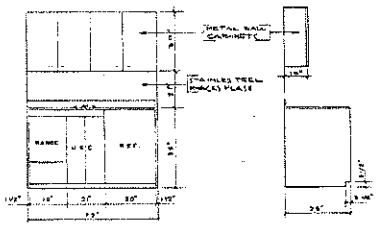
PARTIAL FLOOR PLAN

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



ROOF HATCH & METAL LADDER DETAIL AT ROOM NO. 35

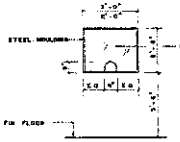
SCALE: 3/4" = 1'-0"



KITCHENETTE UNIT DET.

NOT TO SCALE

NOTE: KITCHENETTE UNIT MODEL NOEAV-72 IS MANUFACTURED BY ACME - NATIONAL REFRIGERATION CO INC 90 34-24 36TH STREET, ASTORIA, N.Y. 11106 POST OFFICE



ELEVATION GLASS WINDOW (21)

SCALE: 3/4" = 1'-0"

NOTE

WHEREVER REFERENCE IS MADE TO A PARTICULAR MANUFACTURER OR THE CATALOG NUMBER OF ANY PARTICULAR MANUFACTURER, IT IS UNDERSTOOD THAT SUCH REFERENCE IS INTENDED TO BE DESCRIPTIVE AND NOT RESTRICTIVE, AND THAT APPROVED EQUAL MATERIAL PRODUCT OF ANY OTHER MANUFACTURER WILL BE ACCEPTABLE.

REVISIONS:
1- INSTALL BLOCK WALL BETWEEN OFFICES 21 & 22. 8-15-74
DIMENSIONS IN DRAWING OF INTERIOR COURT 8-15-74
CLARIFICATION IN ROOF HATCH DETAIL. 9-19-74
2- NEW 3'-0" GLASS WINDOW AT AREA NO. 101.

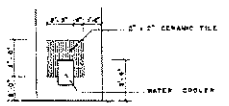
CASEWORK LEGEND:

L — INDICATES LOCK FOR SAID CABINET DOOR OR DRAWER

400 M 633 — CABINET MODEL NO.

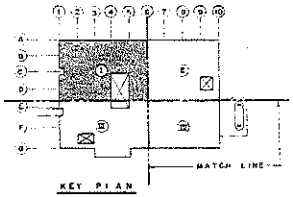
NOTE:

1- ROLL-UP GRILLE SHALL BE 8'-0" WIDE, 3'-6" HIGH TYPE 511-2-660 BY CRAWFORD DOOR CO



ELEVATION 1

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

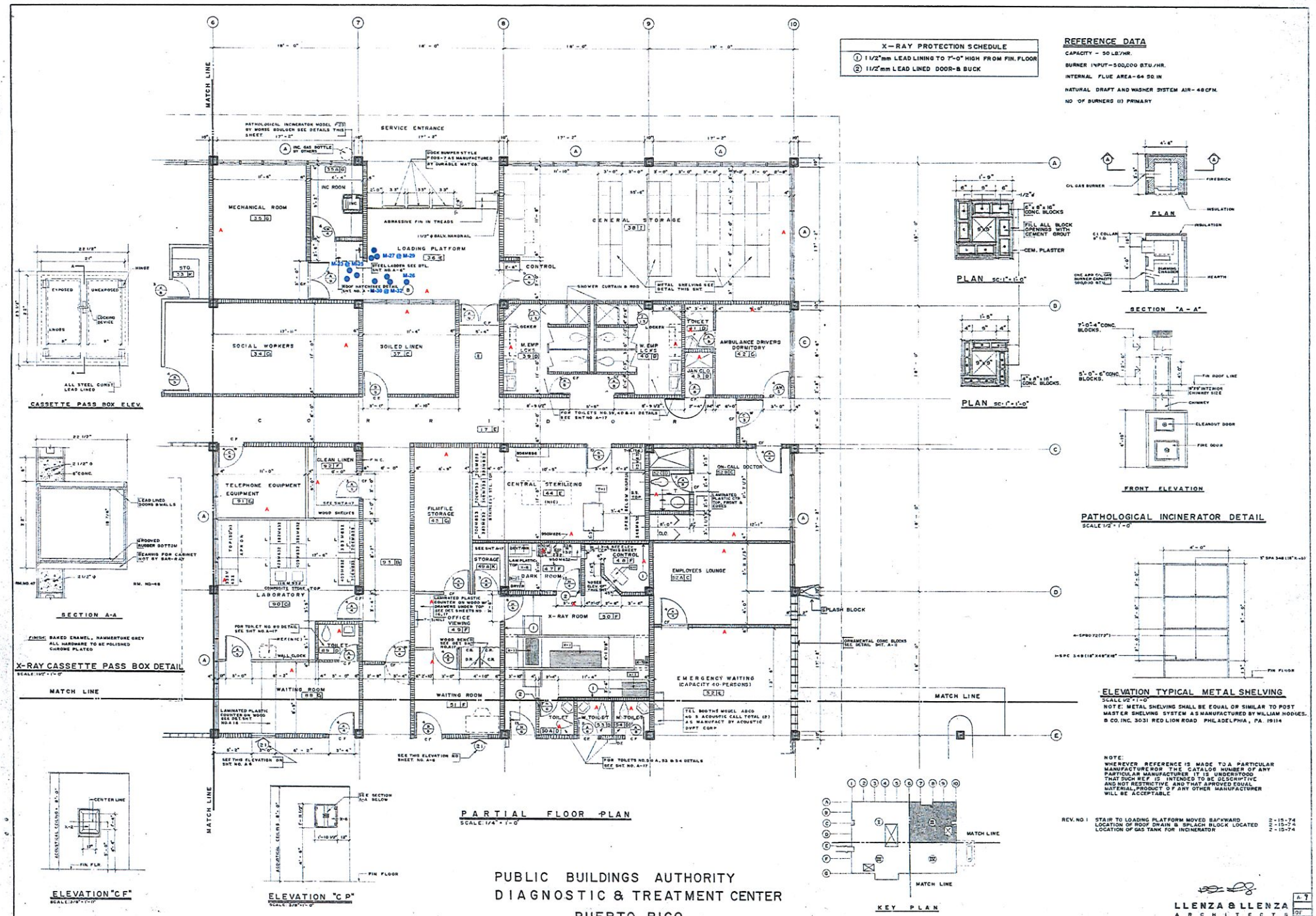


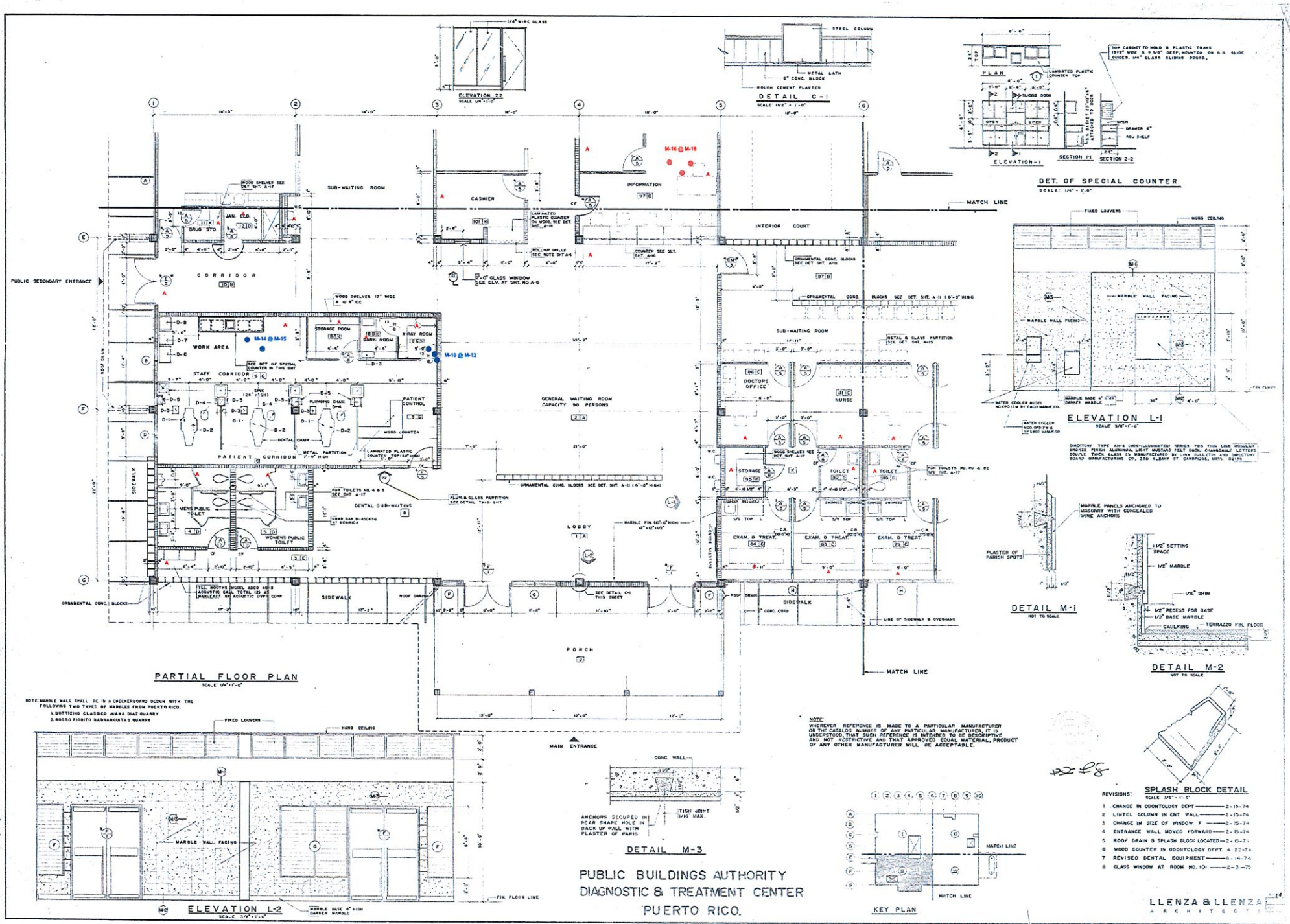
KEY PLAN

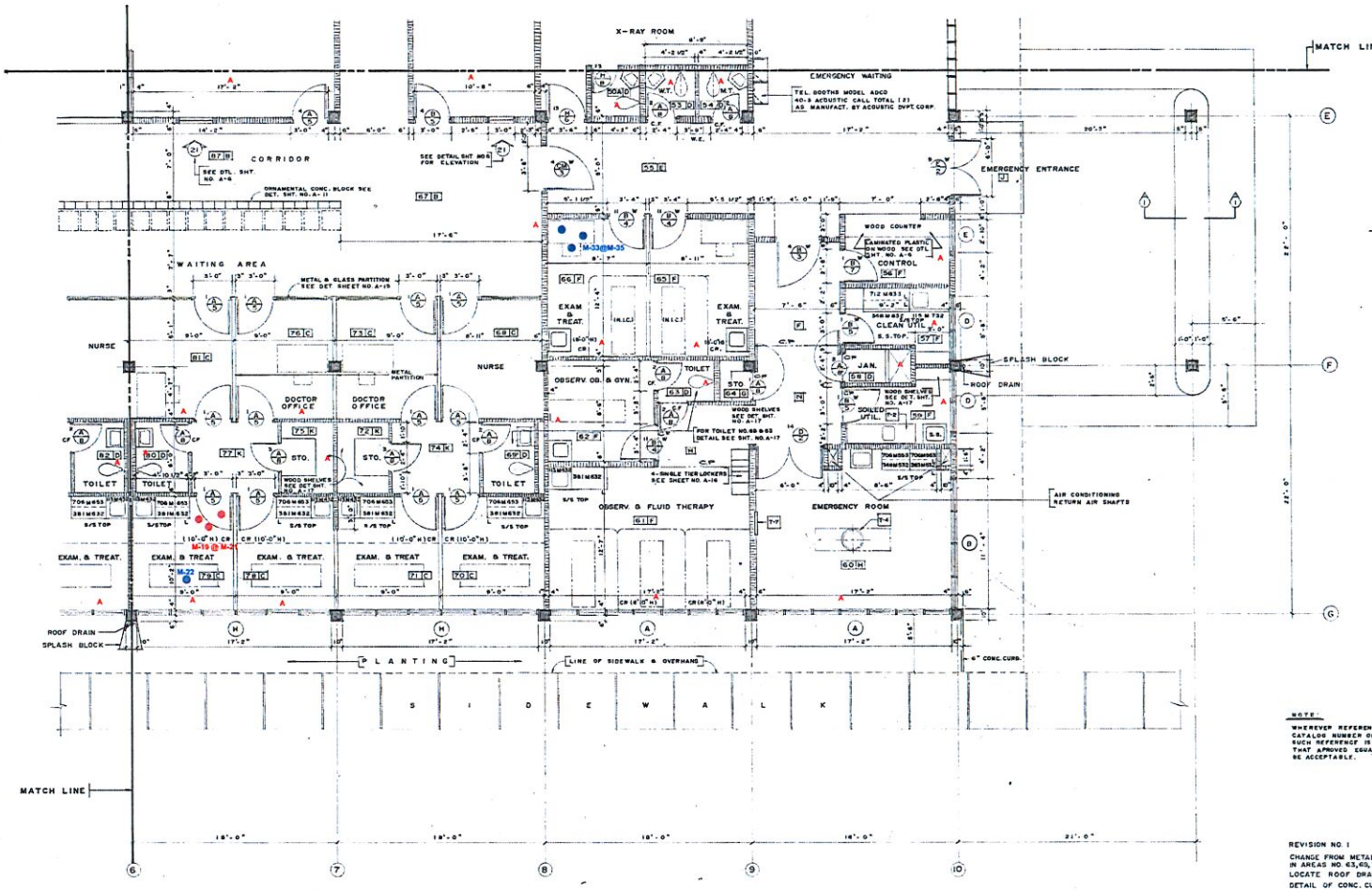
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

LLENZA & LLENZA
ARCHITECTS

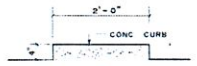
A-3
37


X-RAY PROTECTION SCHEDULE
(1) 1 1/2"mm LEAD LINING TO 7'-0" HIGH FROM FIN. FLOOR
(2) 1 1/2"mm LEAD LINED DOOR-& BUCK
REFERENCE DATA
CAPACITY - 50 LB/HR.
BURNER INPUT-500,000 BTU./HR.
INTERNAL FLUE AREA-64 SQ.IN
NATURAL DRAFT AND WASHER SYSTEM AIR-48CFM.
NO OF BURNERS (1) PRIMARY
MATCH LINE
SERVICE ENTRANCE
MECHANICAL ROOM
INC ROOM
GENERAL STORAGE
LOADING PLATFORM
CONTROL
SOCIAL WORKERS
SOILED LINEN
M. EMP LOCKS
W. EMP LOCKS
TOILET
AMBULANCE DRIVERS DORMITORY
JAN.CLO.
CLEAN LINEN
TELEPHONE EQUIPMENT
FILM FILE STORAGE
CENTRAL STERILIZING
ON-CALL DOCTOR
EMPLOYEES LOUNGE
DARK ROOM
X-RAY ROOM
OFFICE VIEWING
LABORATORY
STORAGE
WAITING ROOM
EMERGENCY WAITING (CAPACITY 40 PERSONS)
TOILET
M. TOILET
W. TOILET
SPLASH BLOCK
ORNAMENTAL CONC. BLOCKS
PARTIAL FLOOR PLAN
SCALE: 1/4" = 1'-0"
CASSETTE PASS BOX ELEV.
ALL STEEL CONST. LEAD LINED
SECTION A-A
X-RAY CASSETTE PASS BOX DETAIL
SCALE: 1 1/2" = 1'-0"
FINISH: BAKED ENAMEL, HAMMERTONE GREY
ALL HARDWARE TO BE POLISHED CHROME PLATED
ELEVATION "C F"
ELEVATION "C P"
PLAN SC-1"=1'-0"
PLAN SC-1"=1'-0"
SECTION "A-A"
FRONT ELEVATION
PATHOLOGICAL INCINERATOR DETAIL
SCALE 1/2" = 1'-0"
ELEVATION TYPICAL METAL SHELVING
SCALE 1/2" = 1'-0"
NOTE: METAL SHELVING SHALL BE EQUAL OR SIMILAR TO POST MASTER SHELVING SYSTEM AS MANUFACTURED BY WILLIAM HODGES. & CO. INC. 3031 RED LION ROAD PHILADELPHIA, PA. 19114
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 AND NOT RESTRICTIVE AND THAT APPROVED EQUAL MATERIAL, PRODUCT OF ANY OTHER MANUFACTURER WILL BE ACCEPTABLE.
REV. NO. 1 STAIR TO LOADING PLATFORM MOVED BACKWARD 2-15-74
LOCATION OF ROOF DRAIN & SPLASH BLOCK LOCATED 2-15-74
LOCATION OF GAS TANK FOR INCINERATOR 2-15-74
KEY PLAN
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.
LLENZA & LLENZA
ARCHITECTS
A-7


PARTIAL FLOOR PLAN
SCALE 1/4"=1'-0"
DET. OF SPECIAL COUNTER
SCALE: 1/4" = 1'-0"
ELEVATION L-1
SCALE 3/8"=1'-0"
DETAIL M-1
NOT TO SCALE
DETAIL M-2
NOT TO SCALE
ELEVATION L-2
SCALE 3/8"=1'-0"
DETAIL M-3
SPLASH BLOCK DETAIL
SCALE: 3/8" = 1'-0"
KEY PLAN
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.
LLENZA & LLENZA
ARCHITECTS
REVISIONS:
1 CHANGE IN ODONTOLOGY DEPT — 2-15-74
2 LINTEL COLUMN IN ENT WALL — 2-15-74
3 CHANGE IN SIZE OF WINDOW F — 2-15-74
4 ENTRANCE WALL MOVES FORWARD — 2-15-74
5 ROOF DRAIN & SPLASH BLOCK LOCATED — 2-15-74
6 WOOD COUNTER IN ODONTOLOGY DEPT. 4 22-74
7 REVISED DENTAL EQUIPMENT — 6-14-74
8 GLASS WINDOW AT ROOM NO. 101 — 2-3-75



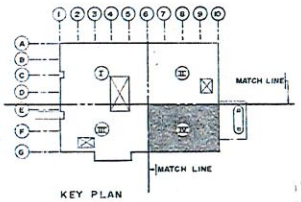
PARTIAL FLOOR PLAN SCALE 1/4"-1'-0"



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

NOTE:
WHEREVER REFERENCE IS MADE TO A PARTICULAR MANUFACTURER ON THE CATALOG NUMBER OF ANY PARTICULAR MANUFACTURER, IT IS UNDERSTOOD, THAT SUCH REFERENCE IS INTENDED TO BE DESCRIPTIVE AND NOT RESTRICTIVE AND THAT APPROVED EQUAL MATERIAL, PRODUCT OF ANY OTHER MANUFACTURER WILL BE ACCEPTABLE.

REVISION NO. 1
CHANGE FROM METAL PARTITION TO BLOCK WALLS IN AREAS NO 63, 69, 72, 75, 80 & 82 ——— 2/15/74
LOCATE ROOF DRAIN & SPLASH BLOCKS ——— 2/15/74
DETAIL OF CONC. CURB AT EMERGENCY ENT. ——— 2/15/74



KEY PLAN

PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

LLENZA & LLENZA
ARCHITECTS

A-11

Appendix B
ACM Laboratory Results

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907
PH. (787) 722-0220 Fax (787) 724-5788

NVLAP LAB CODE 200051-0
TESTING

Job ID: B22050014

REPORT NUMBER

RP22050507

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/03/2022
Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050014.01 B22050014.01.A M-1 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments:	Hard, Aggregates with Fibers Gray	No		Synthetic 4	Sand/Aggregates 60 Binders/Paint 36
B22050014.02 B22050014.02.A M-2 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments: Paint Included as Binders	Hard, Aggregates with Paint and Fibers Gray	No		Synthetic 3	Sand/Aggregates 50 Binders/Paint 47
B22050014.03 B22050014.03.A M-3 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments: Paint Included as Binders	Hard, Aggregates with Paint and Fibers Gray	No		Synthetic 2	Sand/Aggregates 78 Binders/Paint 20

MICROANALYST: _____
[Elme Rivera]

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Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050014.04 B22050014.04.A M-4 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments:	Hard, Aggregates with Fibers Gray	No		Cellulose 2 Synthetic 2	Sand/Aggregates 75 Binders/Paint 21
B22050014.05 B22050014.05.A M-5 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments:	Hard, Aggregates with Metal and Fibers Gray	No		Cellulose 2 Synthetic 3	Metals 15 Sand/Aggregates 75 Binders/Paint 5
B22050014.06 B22050014.06.A M-6 Layer % of Total :100% Date Analyzed: 05/04/2022 Sample Location: Alero, Concreto, Wall B Comments:	Hard, Aggregates with Metal and Fibers Gray	No		Cellulose 3 Synthetic 2	Metals 15 Sand/Aggregates 50 Binders/Paint 30
B22050014.07 B22050014.07.A M-7 Layer % of Total :100% Date Analyzed: 05/04/2022	Hard with Aggregates, Paint and Fibers Gray	No		Cellulose 12 Glass Fibers 15	Sand/Aggregates 25 Binders/Paint 48

MICROANALYST: _____
[Elme Rivera]

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Client Name:	CMA Architects & Engineers	Date Collected:	05/03/2022
Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Sample Location: Drywall, Wall D, Building Exterior Comments: Paint Included as Binders					
B22050014.08 B22050014.08.A M-8 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Drywall, Wall D, Building Exterior Comments: Paint Included as Binders	Hard with Aggregates, Paint and Fibers Gray	No		Cellulose 10 Synthetic 12	Sand/Aggregates 50 Binders/Paint 28
B22050014.09 B22050014.09.A M-9 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Drywall, Wall D, Building Exterior Comments: Paint Included as Binders	Hard, with Aggregates, Paint and Fibers Gray	No		Cellulose 15 Synthetic 20	Sand/Aggregates 45 Binders/Paint 20
B22050014.10 B22050014.10.A M-10 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: X Ray Room, Wall C Comments:	Semi-Hard, Silty with Paint and Fibers White	No		Cellulose 15 Synthetic 10	Binders/Paint 75

MICROANALYST: _____
[Elme Rivera]

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Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Paint Included as Binders					
B22050014.11 B22050014.11.A M-11 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: X Ray Room, Wall C Comments: Paint Included as Binders	Semi-Hard, Silty with Paint and Fibers White	No		Cellulose 15 Synthetic 12	Binders/Paint 73
B22050014.12 B22050014.12.A M-12 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: X Ray Room, Wall C Comments: Paint Included as Binders	Semi-Hard, Silty with Paint and Fibers White	No		Cellulose 18 Synthetic 10	Binders/Paint 72
B22050014.13 B22050014.13.A M-14 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Tile Floor, Work Area Comments:	Hard, Compact, Partly Granular with Glue Other - and Fibers Cream	No		Cellulose 2	Sand/Aggregates 25 Glue 5 Binders/Paint 68

MICROANALYST: _____
[Elme Rivera]

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POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

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Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050014.14 B22050014.14.A M-15 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Tile Floor, Work Area Comments:	Hard, Compact, Partly Granular with Glue Other - and Fibers Cream	No		Cellulose 2	Sand/Aggregates 20 Glue 5 Binders/Paint 73
B22050014.15 B22050014.15.A M-16 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Tile Floor, Information Comments: Asbestos Found in Bitumen	Hard, Compact, Partly Granular with Black Mastic Other - and Fibers Cream	Yes	Chrysotile 2	Cellulose 3	Bitumen 5 Sand/Aggregates 25 Binders/Paint 65
B22050014.16 B22050014.16.A M-17 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Tile Floor, Information Comments: Asbestos Found in Bitumen	Hard, Compact, Partly Granular with Black Mastic Other - and Fibers Cream	Yes	Chrysotile 2	Cellulose 2	Bitumen 5 Sand/Aggregates 30 Binders/Paint 61

MICROANALYST: _____
[Elme Rivera]

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REPORT NUMBER

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POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/03/2022
Project Name:	CDT Maunabo	Date Received:	05/04/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050014.17 B22050014.17.A M-18 Layer % of Total :100%	Hard, Compact, Partly Granular with Black Mastic Other - and Fibers Cream	Yes	Chrysotile 2	Cellulose 2	Bitumen 5 Sand/Aggregates 20 Binders/Paint 71

Date Analyzed: 05/05/2022

Sample Location: Tile Floor, Information

Comments:
Asbestos Found in Bitumen

Comments:
For all heterogeneous and layered samples easily separated into sublayers, each component is analyzed and reported separately.
Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

MICROANALYST: _____
[Elme Rivera]

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Transmittal Sheet for Bulk Sample Analysis

Client Name: Departamento Salud PR
Address: Hayuna bo
Contact: Pedro Stiner
Phone/Fax: 787-792-1509

Project Name: CDT Hayuna bo
Site Location: Hayuna bo
Samplers Name: Juan Fernandez
Company: COTA

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected		Analysis Required		Comments	Laboratory I.D.
		Date	Time	PLM	Other		
M-1	Stew, Concrete, Wall B	05/03/22	10:19	✓			B2205001 N .01
M-2	Stew, Concrete, Wall B	05/03/22	10:20	✓			.02
M-3	Stew, Concrete, Wall B	05/03/22	10:21	✓			.03
M-4	Stew, Concrete Wall C	05/3/22	10:37	✓			.04
M-5	Stew, Concrete Wall C	05/3/22	10:38	✓			.05
M-6	Stew, Concrete, Wall C	05/3/22	10:38	✓			.06
M-7	Drywall Wall D Building Exterior	5/3/22	11:24				.07
M-8	Drywall, Wall D Building Exterior	5/3/22	11:25				.08
M-9	Wall D Drywall Building Exterior	5/3/22	11:29				.09
M-10	X Ray Room Wall C	5/3/22	13:51				.10
M-11	X-Ray Room Wall C	5/3/22	13:51				.11
M-12	X-Ray Room Wall C	5/3/22	13:51				.12
M-14	Tile Floor Work Area	5/3/22	14:04				.13

Turnaround Time: Normal: ☐ Rush: ✓

Relinquished By:	José R. Garcia	**Delivered Directly to Lab:** ☐	**Shipped:** ☐
Date/ Time:	May-4-2022 9:46 AM		
Received By:		**Method of Shipment:**	
Date/ Time:	5/4/22 9:50		
Relinquished By:		**Lab. Recipient:**	
Date/ Time:			
Received By:		**Date:**	
Date/ Time:			

*Job ID:B22050014
CMA Architects & Engineers

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate, 2nd. Floor, Santurce, P.R. 00907
Ph: (787) 722-0220 Fax: (787) 724-5788

Transmittal Sheet for Bulk Sample Analysis

Client Name:	Departamento de Salud	**Project Name:**	CDT Maunabo
Address:	Maunabo	**Site Location:**	Maunabo
Contact:	Pedro Jimenez	**Samplers Name:**	Juan Fernandez
Phone/Fax:	787-792-1509	**Company:**	CMA

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected Date	Collected Time	Analysis Required PLM	Analysis Required Other	Comments	Laboratory I.D.
M-15	Tile Floor Work Area	5/3/22	14:04				B22050014 .14
M-16	Tile Floor ~~Work Area~~ Information	5/3/22	1452				.15
M-17	Tile Floor ~~Work~~ Information	5/3/22	14:52				.16
M-18	Tile Floor Information	5/3/22	14:52				.17

Turnaround Time: Normal: [ ] Rush: [X]

Relinquished By: José R. Garcia		**Delivered Directly to Lab:**	**Shipped:**
Date/ Time: MAY-4-2022	9:46 AM	**Method of Shipment:**	
Received By: [signature]			
Date/ Time: 5/4/22	9:50		
Relinquished By:		**Lab. Recipient:**	
Date/ Time:			
Received By:		**Date:**	
Date/ Time:			

*Job ID:B22050014

CMA Architects & Engineers

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NVLAP LAB CODE 200051-0
TESTING

Job ID: B22050023

REPORT NUMBER

RP22050603

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/04/2022
Project Name:	21300 CDT Maunabo	Date Received:	05/05/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050023.01 B22050023.01.A M-19 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Exam & Treath 79C Red Mastic Duct Air Comments:	Semi-Hard, Glue with Fibers and aluminum Red	Yes	Chrysotile 3	Cellulose 1	Aluminum 5 Glue 91
B22050023.02 B22050023.02.A M-20 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Exam & Treath 79C Red Mastic Duct Air Comments:	Semi-Hard, Glue with Fibers and aluminum Red	Yes	Chrysotile 2		Aluminum 3 Glue 95
B22050023.03 B22050023.03.A M-21 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Exam & Treath 79C Red Mastic Duct Air Comments:	Semi-Hard, Glue with Fibers and aluminum Red	Yes	Chrysotile 3	Cellulose 1	Glue 96
B22050023.04 B22050023.04.A M-22 Layer % of Total :100% Date Analyzed: 05/05/2022	Soft, Silty to Fibrous to Perlitic with Aggregates Other - and Paint Gray	No		Cellulose 25 Glass Fibers 10 Mineral Wool 10	Perlite 25 Binders/Paint 30

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elme Rivera]

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REPORT NUMBER

RP22050603

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/04/2022
Project Name:	21300 CDT Maunabo	Date Received:	05/05/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Sample Location: Exam & Treath 79C Acoustic Ceiling Comments: Paint Included as Binders					
B22050023.05 B22050023.05.A M-23 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 2 Glass Fibers 12	Bitumen 61 Sand/Aggregates 25
B22050023.06 B22050023.06.A M-24 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 2 Glass Fibers 10	Bitumen 58 Sand/Aggregates 30
B22050023.07 B22050023.07.A M-25 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 2 Glass Fibers 11	Bitumen 62 Sand/Aggregates 25

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elme Rivera]

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REPORT NUMBER

RP22050603

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/04/2022
Project Name:	21300 CDT Maunabo	Date Received:	05/05/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050023.08 B22050023.08.A M-26 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 2 Glass Fibers 8	Bitumen 67 Sand/Aggregates 23
B22050023.09 B22050023.09.A M-27 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous with Aggregates Other - and Fibers Black	No		Cellulose 3 Glass Fibers 7	Bitumen 70 Sand/Aggregates 20
B22050023.10 B22050023.10.A M-28 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Treatment Comments:	Semi-Hard, Bituminous to Fibrous with Aggregates Black	No		Cellulose 2 Glass Fibers 20	Bitumen 75 Sand/Aggregates 3
B22050023.11 B22050023.11.A M-29 Layer % of Total :100% Date Analyzed: 05/05/2022	Semi-Hard, Bituminous to Fibrous with Aggregates Black	No		Cellulose 2 Glass Fibers 30	Bitumen 58 Sand/Aggregates 10

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elme Rivera]

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NVLAP LAB CODE 200051-0
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Job ID: B22050023

REPORT NUMBER

RP22050603

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Client Name:	CMA Architects & Engineers	Date Collected:	05/04/2022
Project Name:	21300 CDT Maunabo	Date Received:	05/05/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
Sample Location: Roof Treatment Comments:					
B22050023.12 B22050023.12.A M-30 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Concrete Comments:	Semi-Hard, Aggregates with Black Mastic Gray	No			Bitumen 10 Sand/Aggregates 70 Binders/Paint 20
B22050023.13 B22050023.13.A M-31 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Concrete Comments:	Semi-Hard, Aggregates with Black Mastic Gray	No			Bitumen 7 Sand/Aggregates 68 Binders/Paint 25
B22050023.14 B22050023.14.A M-32 Layer % of Total :100% Date Analyzed: 05/05/2022 Sample Location: Roof Concrete Comments:	Semi-Hard, Aggregates with Black Mastic Gray	No			Bitumen 3 Sand/Aggregates 70 Binders/Paint 27

Comments:
For all heterogeneous and layered samples easily separated into sublayers, each component is analyzed and reported separately.
Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elme Rivera]

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907
PH. (787) 722-0220 Fax (787) 724-5788

NVLAP LAB CODE 200051-0
TESTING

Job ID: B22050023

REPORT NUMBER

RP22050603

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

MICROANALYST: _____ [Jessica Garcia]

QUALITY CONTROL: _____ [Elme Rivera]

PLM is not consistently reliable in detecting small concentrations of asbestos in floor tiles and similar nonfriable materials. Quantitative TEM is currently the only method that can be used to get the conclusive asbestos content. This report relates only to the items tested as received. This report shall not be reproduced except in full and not without written approval of the laboratory. This report shall not be used to claim endorsement by NVLAP or any agency of the US Government. Methods used for determination of asbestos in bulk samples are found in both methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

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611 Monserrate, 2nd. Floor, Santurce, P.R. 00907
Ph: (787) 722-0220 Fax: (787) 724-5788

Transmittal Sheet for Bulk Sample Analysis

Client Name: DEPARTAMENTO DE SALUD
Address: San Juan PR
Contact: Pedro Lopez
Phone/Fax: 787-792-1509 2802

Project Name: 21300 CDT Naunabo
Site Location: Naunado
Samplers Name: Juan Fernandez
Company: CMA

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected		Analysis Required		Comments	Laboratory I.D.
		Date	Time	PLM	Other		
M-19	Exam & Treath 79C Red Mastic Duct Air	5/04/22	10:08	✓			B22050023 .01
M-20	Exam & Treath 79C Red Mastic Duct Air	5/4/22	10:08	✓			.02
M-21	Exam & Treath 79C Red Mastic Duct Air	5/4/22	10:08	✓			.03
M-22	Exam & Treath 79C Acustic Ceiling	5/04/22	10:16	✓			.04
M-23	Roof treatment	5/04/22	13:01	✓			.05
M-24	Roof treatment	5/04/22	13:01	✓			.06
M-25	Roof treatment	5/4/22	13:02	✓			.07
M-26	Roof treatment	5/4/22	13:02	✓			.08
M-27	Roof treatment	5/4/22	13:03	✓			.09
M-28	Roof treatment	5/4/22	13:03	✓			.10
M-29	Roof treatment	5/4/22	13:04	✓			.11
M-30	Roof concrete	5/4/22	13:10	✓			.12
M-31	Roof Concrete	5/4/22	13:11	✓			.13
M-32	Roof Concrete	5/4/22	13:11				.14

Turnaround Time: Normal: ☐ Rush: ☒

Relinquished By:	José R. García	**Delivered Directly to Lab:** ☒	**Shipped:** ☐
Date/ Time:	May-5-2022 10:38 AM		
Received By:		**Method of Shipment:**	
Date/ Time:	5/5/22 10:45		
Relinquished By:		**Lab. Recipient:**	
Date/ Time:			
Received By:		**Date:**	
Date/ Time:			

*Job ID:B22050023

CMA Architects & Engineers

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
611 Monserrate Street, 2nd. Floor, Santurce, P.R. 00907
PH. (787) 722-0220 Fax (787) 724-5788

NVLAP LAB CODE 200051-0
TESTING

Job ID: B22050037

REPORT NUMBER

RP22051001

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	CMA Architects & Engineers	Date Collected:	05/06/2022
Project Name:	CDT Maunabo	Date Received:	05/09/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID / Client Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050037.01 B22050037.01.A M-33 Layer % of Total :100% Date Analyzed: 05/09/2022 Sample Location: Mechanical Room Hot Water Return Comments:	Soft, Fibrous Yellow	No		Glass Fibers 100	
B22050037.02 B22050037.02.A M-34 Layer % of Total :100% Date Analyzed: 05/09/2022 Sample Location: Mechanical Room Hot Water Return Comments:	Soft, Fibrous Yellow	No		Glass Fibers 100	
B22050037.03 B22050037.03.A M-35 Layer % of Total :100% Date Analyzed: 05/09/2022 Sample Location: Mechanical Room Hot Water Return Comments:	Soft, Fibrous Yellow	No		Glass Fibers 100	

Comments:
For all heterogeneous and layered samples easily separated into sublayers, each component is analyzed and reported separately.
Samples are analyzed by PLM using dispersion staining techniques in accordance with US EPA methods App. E to Sub. E of 40 CFR Part 763 and EPA/600/R-93/116.

MICROANALYST: [Jessica Garcia]

QUALITY CONTROL: [Elme Rivera]

NALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.
.1 Monserrate, 2nd. Floor, Santurce, P.R. 00907
h: (787) 722-0220 Fax: (787) 724-5788

Transmittal Sheet for Bulk Sample Analysis

Client Name: Departamento de Salud PR
Address: Bayamon
Contact: Rebeca Steiner
Phone/Fax: 787-780-1509

Project Name: CDT Hauabo
Site Location: Hauabo
Samplers Name: Juan Fernandez
Company: CMA

Chain of Custody Record

Sample I. D.	Sample Description (i.e. Location, Name, etc.)	Collected		Analysis Required		Comments	Laboratory I.D.
		Date	Time	PLM	Other		
M-33	Mechanical Room Hot Water Return	5/6/22	12:35	✓			B22050037 .01
M-34	Mechanical Room Hot Water Return	5/6/22	12:35	✓			.02
M-35	Mechanical Room Hot Water Return	5/6/22	12:35	✓			.03

Turnaround Time: Normal: ☐ Rush: ☐

Relinquished By:	Jose R. Garcia	**Delivered Directly to Lab:**	
Date/ Time:	May-9-2022 9:00 AM		
Received By:		**Method of Shipment:**	
Date/ Time:	5/9/22 9:00		
Relinquished By:		**Lab. Recipient:**	
Date/ Time:			
Received By:		**Date:**	
Date/ Time:			

*Job ID:B22050037
CMA Architects & Engineers

Appendix C
Certified Inspector Credentials


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

Firma Autorizada
Departamento de Recursos Naturales y Ambientales

Certificación #:
LBPI-29821-348


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

Firma Autorizada
Departamento de Recursos Naturales y Ambientales

Certificación #:
LBPI-29421-334

LEAD BASED PAINT INSPECTION REPORT

CDT Maunabo

Prepared for:

DEPARTAMENTO DE SALUD

Maunabo, Puerto Rico

Prepared by:
CMA Architects & Engineers LLC

May 9, 2022

Table of Contents

List of Appendixes

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.

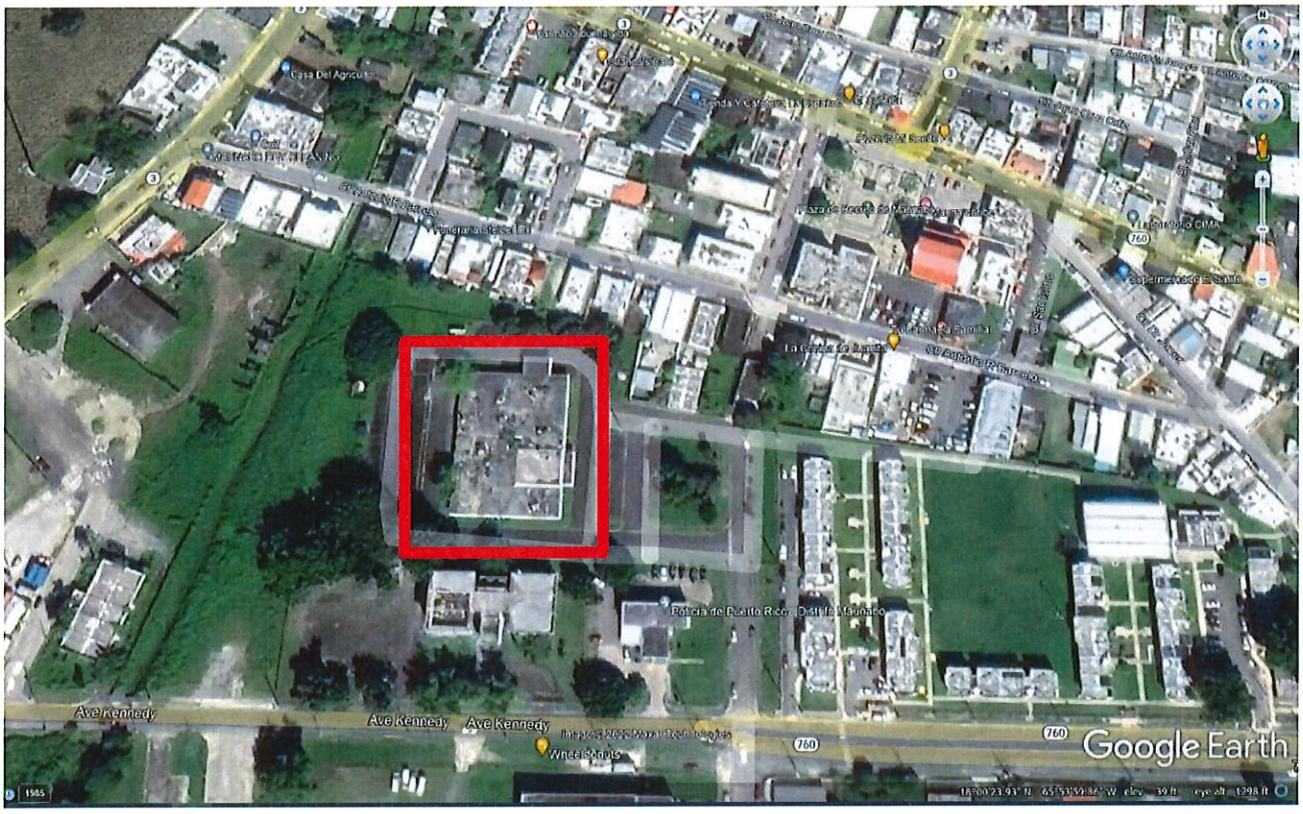


Figure Number 1 – Aerial Photo

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/cm^2) 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.

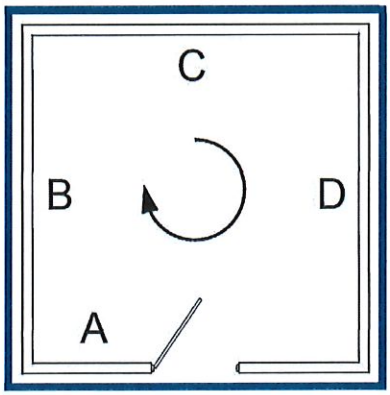
During the process of evaluation, if is necessary, the inspector collects paint chips samples from the positive areas. These paint chips are packed inside plastic bags and identified with the sample number, date, and time. After each sampling, the CMA inspector completes the chain of custody and submits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

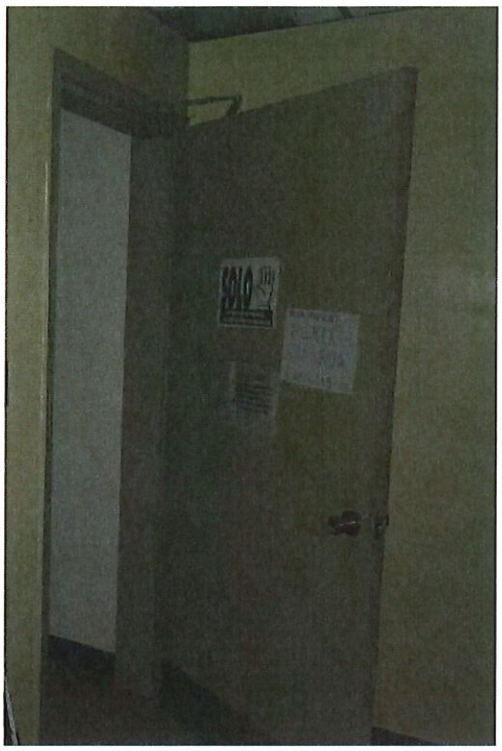


Photo Number 3 – Doors

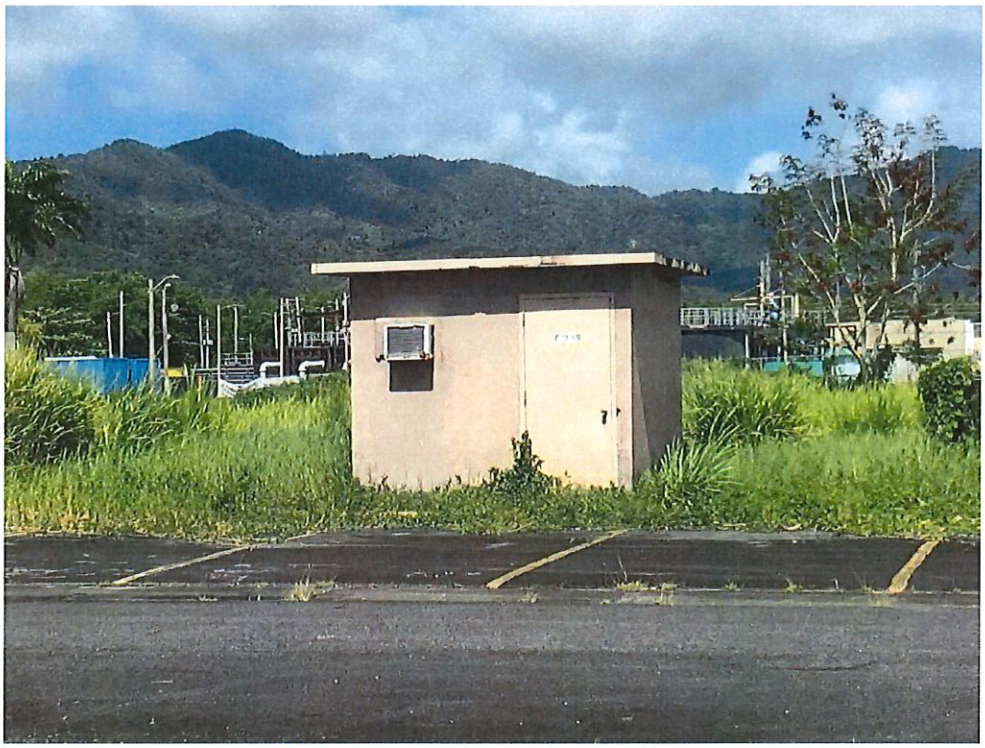


Photo Number 4 – Satellite Buildings

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/cm^2.

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/cm^2 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:

Table Number 1. XRF LBP Positive CDT Maunabo Elements

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/cm²**	**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/cm²**	**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/cm²**	**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/cm²	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/cm²**	**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

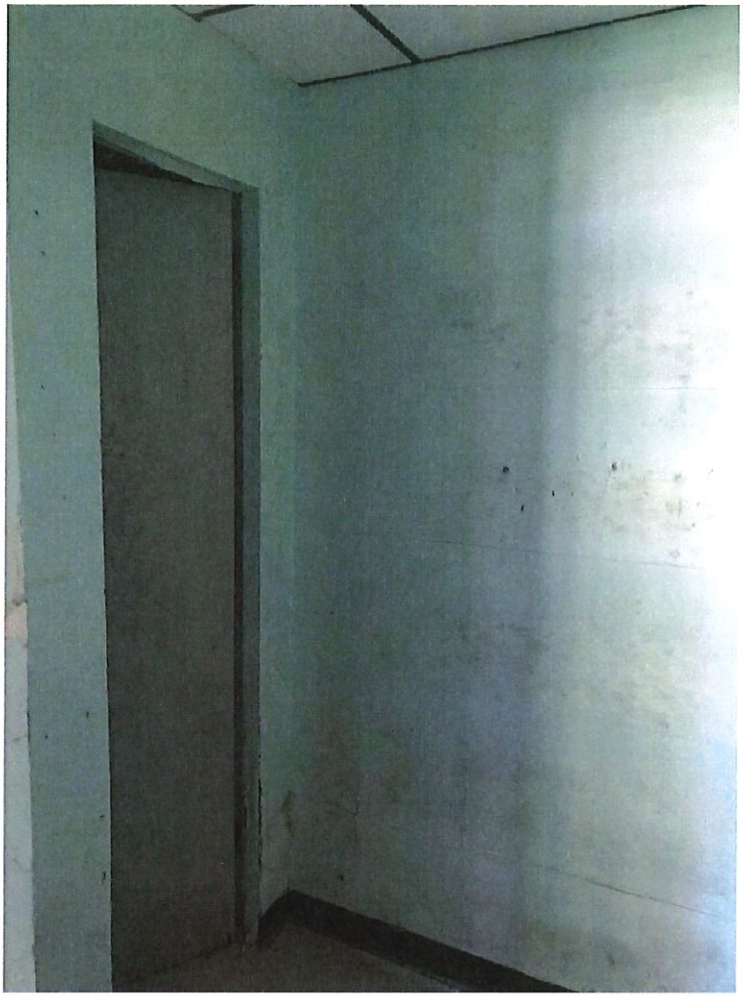


Photo Number 8 – Door X-Ray Room Clinical Dental

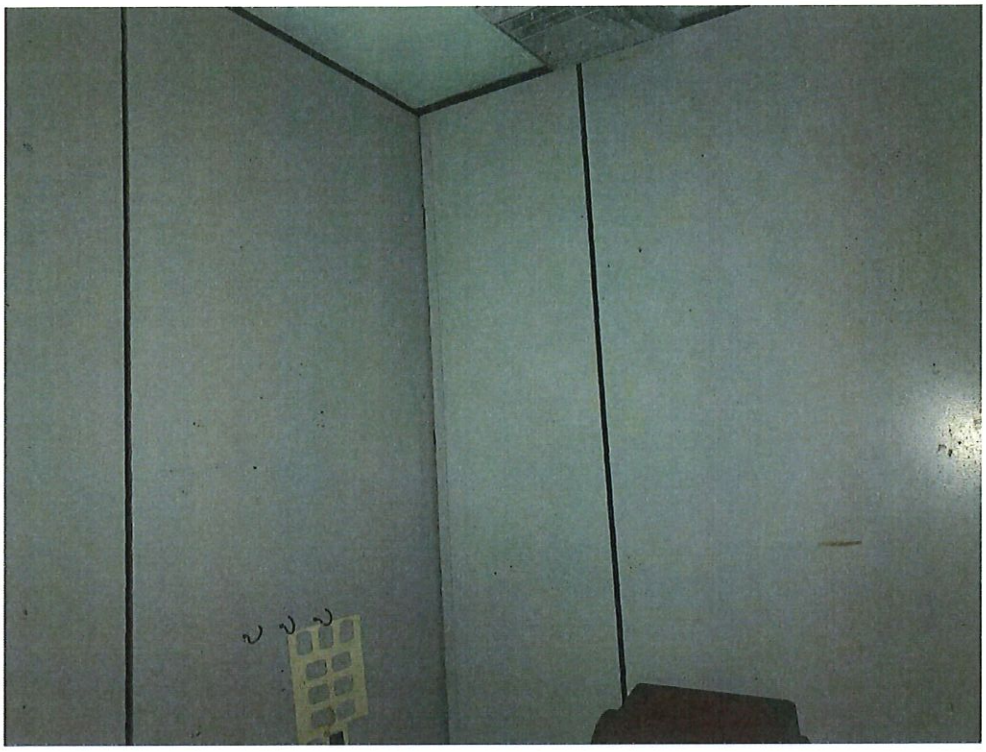


Photo Number 9 – Wall Interior "A" and "B" X-Ray Room Clinical Dental

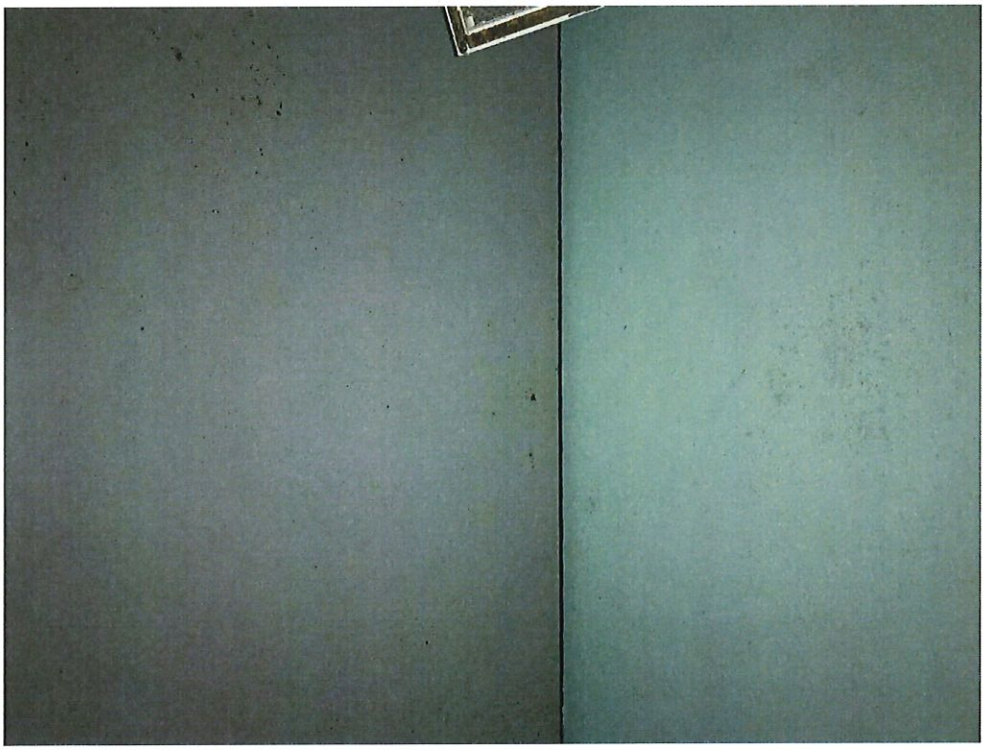


Photo Number 10 – Wall Interior "C" and "D" X-Ray Room Clinical Dental

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)

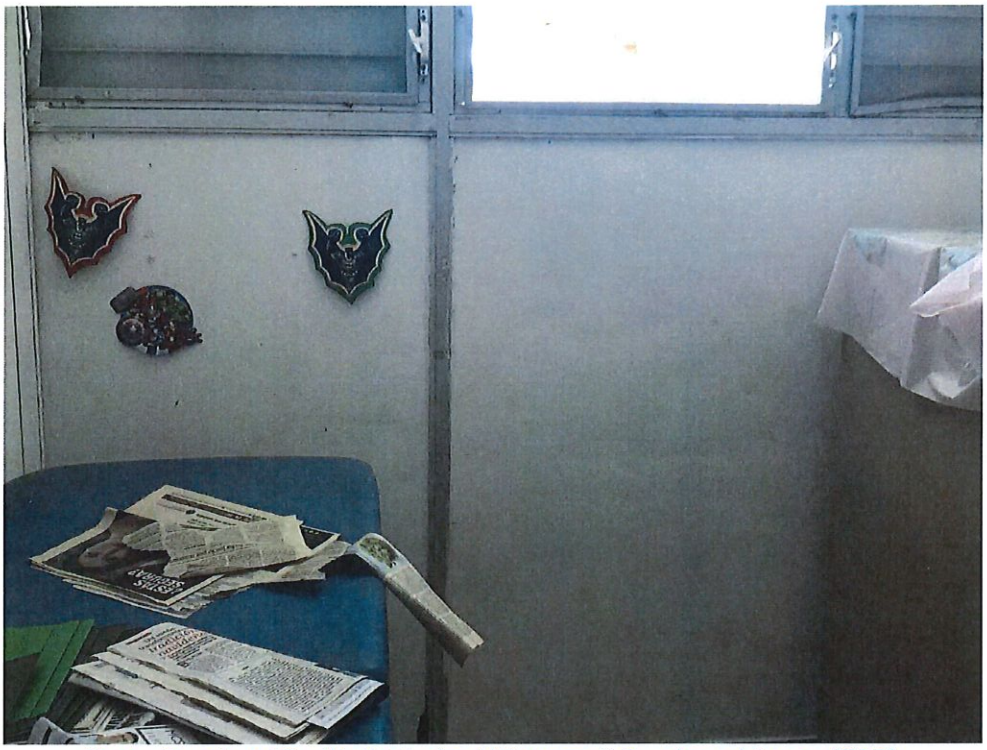


Photo Number 18 – Wall Interior "A" Exam & Treatment Room (70C)

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

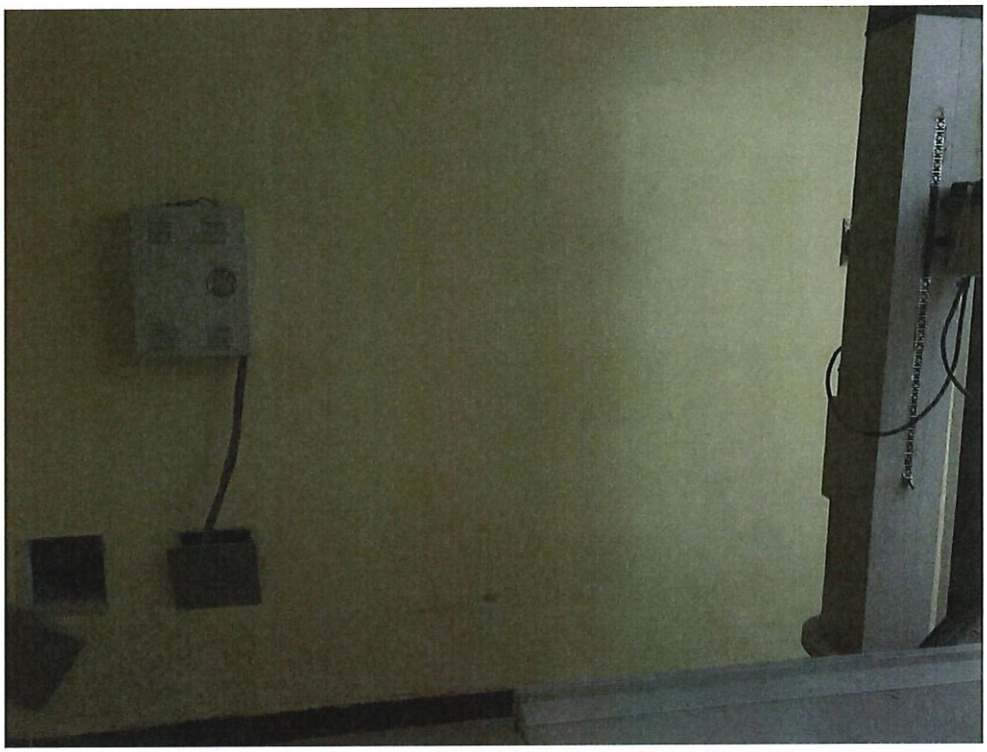


Photo Number 26 – Wall "D" Interior X-Ray Room

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

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

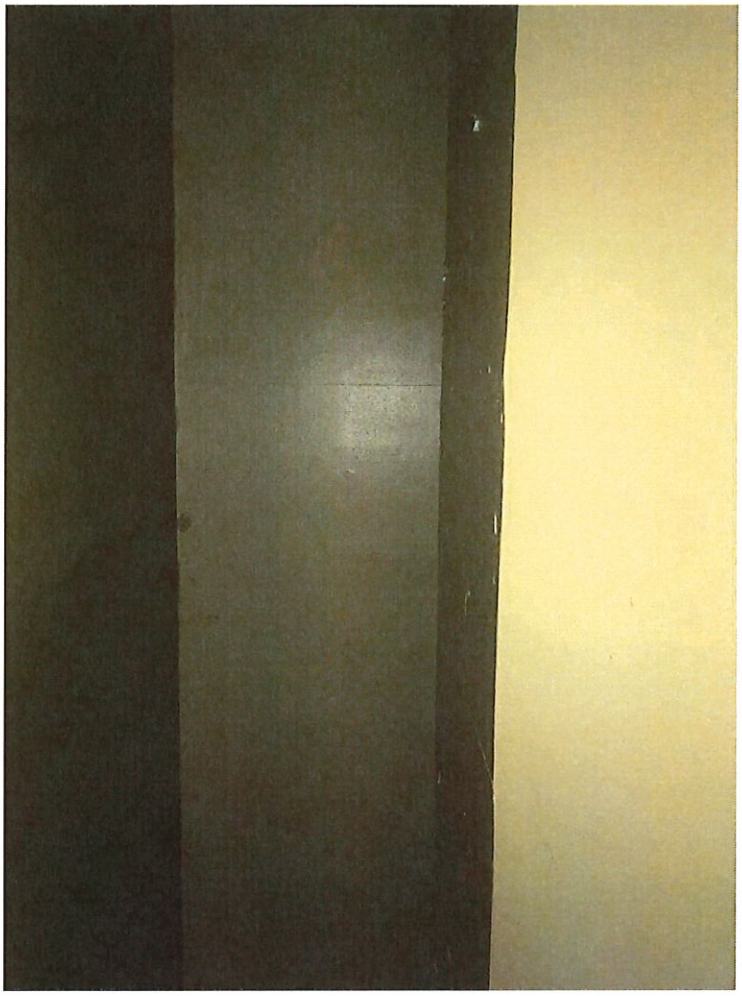


Photo Number 29 – Wall Interior Control X-Ray Room

Photo Number 30 – Wall Interior "A" Soiled Linen

Photo Number 31 – Wall Interior "A" Loading Platform

Photo Number 32 – Building Exterior Tank Stairs

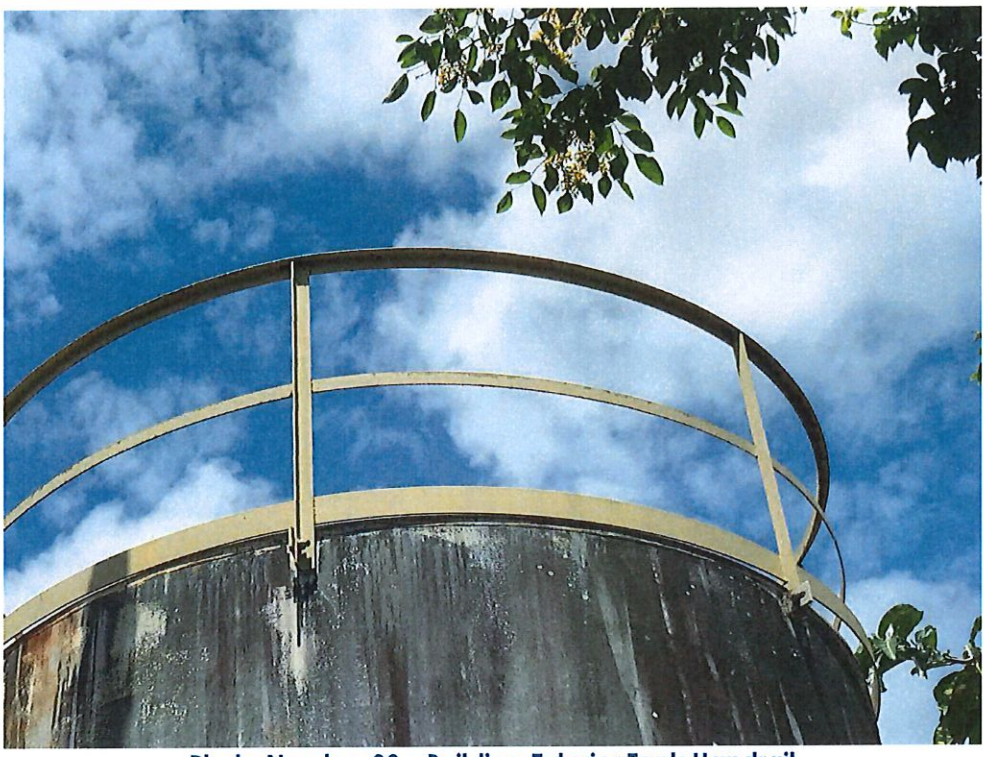


Photo Number 33 – Building Exterior Tank Handrail

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/cm^2, 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/cm^2), 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.

HEURESIS CORPORATION

Instrument Operator Training
Heuresis Corporation, Pb200i

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

Adam Robison
Name

October 18th, 2019
Date

Senior Director of Sales
Title

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: ***^{57}Co, 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 Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 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/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 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/cm^2 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/cm^2 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/cm^2. 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/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 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/cm^2. 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:

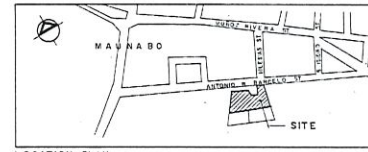
XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

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



LOCATION PLAN SCALE: 1:3,000

PARCEL "A" PROPERTY OF JUAN RIEFKOHL SANCHEZ

COURSE	BEARING	DISTANCE MTS.	POINT	COORDINATES X MTS	COORDINATES Y MTS	DESCRIPTION OF POINTS
1-2	N 79° 43' W	15.40	1	1035.239	885.58	STEEL ROD
2-3	N 79° 43' W	102.08	2	1018.082	888.283	" "
3-4	N 79° 43' W	79.79	3	917.647	906.516	" "
4-5	N 28° 48' E	115.97	4	839.139	920.768	" "
5-6	S 64° 44' E	31.31	5	895.005	1022.400	CONC. MONUMENT
6-7	S 65° 47' E	60.40	6	923.318	1009.039	GARAGE CORNER
7-8	S 60° 48' E	22.32	7	978.404	984.256	GALV. PIPE
8-9	S 18° 36' W	24.10	8	999.006	975.404	FENCE CORNER
9-10	S 73° 07' E	9.64	9	996.108	952.663	CONC. COLUMN CORNER
10-11	S 70° 25' E	15.31	10	1000.887	949.861	CONC. MONUMENT
11-12	S 70° 10' E	10.22	11	1014.757	944.729	FENCE CORNER
12-13	S 73° 34' E	10.72	12	1024.374	941.261	" "
13-14	S 71° 32' E	7.17	13	1034.652	938.231	" "
14-1	S 09° 16' W	51.09	14	1041.460	935.961	CONC. MONUMENT

AREA = 15,267.03 M² ◇ 3.8843 CDAS

PARCEL "B" PROPERTY OF PURIFICACION DOMINGUEZ VDA. NAVARRO

COURSE	BEARING	DISTANCE MTS.	POINT	X	Y	DESCRIPTION OF POINTS
11-15	N 22° 54' E	14.56	11	1041.450	935.961	FENCE CORNER
15-16	N 61° 44' W	04.35	15	1020.421	958.141	" "
16-17	N 24° 13' E	27.22	16	1020.116	958.505	" "
17-18	S 64° 57' E	11.38	17	1031.282	963.130	STEEL ROD
18-12	S 24° 55' W	40.86	18	1041.589	978.313	" "
12-11	N 70° 10' W	10.22	12	1024.374	941.261	FENCE CORNER

AREA = 452.48 M² ◇ 0.1151 CDA.

PARCEL "C" PROPERTY OF NICOLAS GONZALEZ

COURSE	BEARING	DISTANCE MTS.	POINT	X	Y	DESCRIPTION OF POINTS
12-18	N 24° 55' E	40.86	12	1024.374	941.261	FENCE CORNER
18-20	S 64° 50' E	10.52	18	1041.589	978.313	STEEL ROD
20-13	S 24° 31' W	39.23	20	1050.937	973.973	" "
13-12	N 73° 34' W	10.72	13	1034.652	938.231	FENCE CORNER

AREA = 418.96 M² ◇ 0.1066 CDA.

COURSE	BEARING	DISTANCE MTS.	POINT	X	Y	DESCRIPTION OF POINTS
A-B	S 64° 31' 40" E	32.07	A	1000.000	1000.000	SPIKE
			B	1033.464	984.056	"

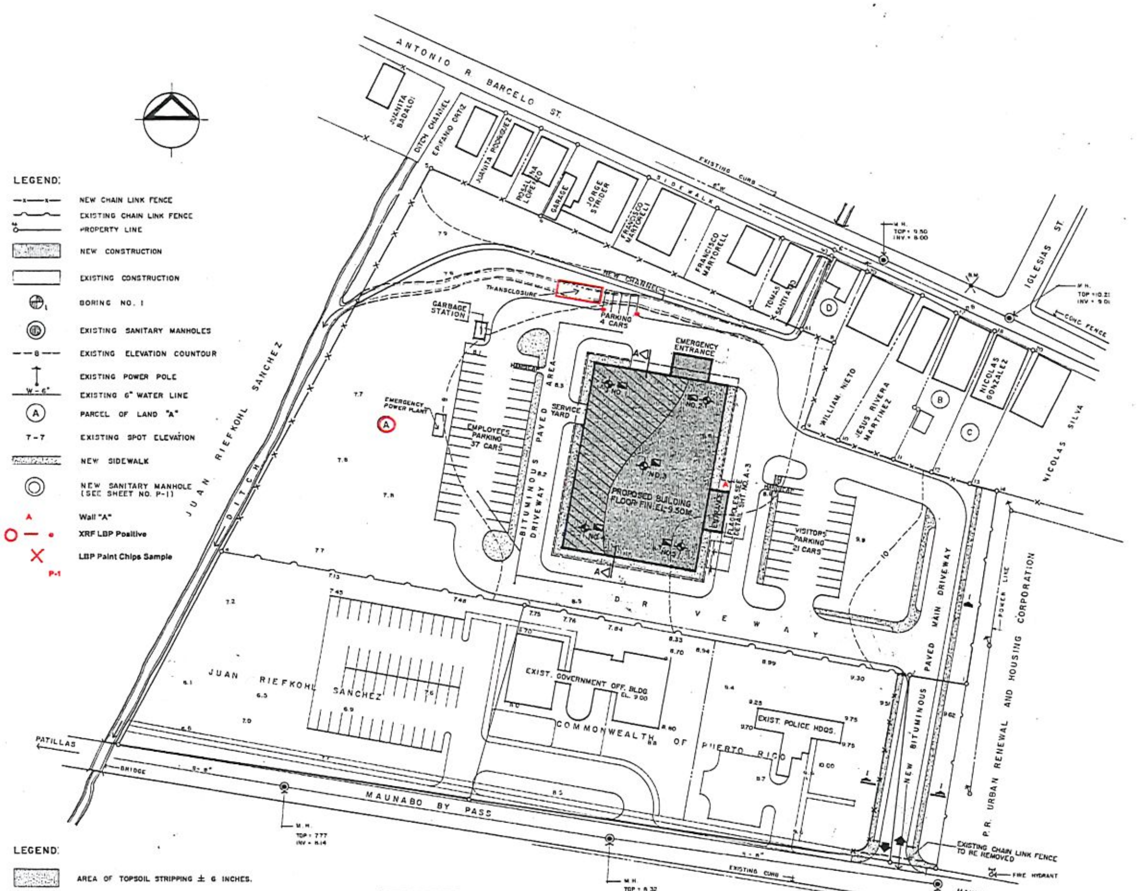
PARCEL "D" MUNICIPAL PROPERTY

COURSE	BEARING	DISTANCE MTS.	POINT	X	Y	DESCRIPTION OF POINTS
70-8	S 25° 41' W	20.58	70	1,007.927	993.954	FENCE CORNER
8-41	N 06° 38' W	9.05	8	999.006	975.404	" "
41-90	N 22° 45' W	20.46	41	990.699	976.999	GALV. PIPE
90-70	S 67° 15' E	10.10	90	998.609	997.663	FENCE CORNER

AREA = 196.42 MTS² ◇ 0.0500 CDA.

NOTE:

B.M. SPIKE ON EDGE OF CURB AT ANTONIO R. BARCELO ST.
ELEV = 10.00 M.
CONTOUR INTERVAL = 1.00 M.
TOTAL AREA SURVEYED = 16,334.89 M. ◇ 4.1560 CDAS.

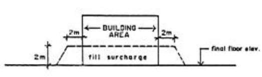


LEGEND:

- NEW CHAIN LINK FENCE
- EXISTING CHAIN LINK FENCE
- PROPERTY LINE
- NEW CONSTRUCTION
- EXISTING CONSTRUCTION
- BORING NO. 1
- EXISTING SANITARY MANHOLES
- EXISTING ELEVATION COUNTOUR
- EXISTING POWER POLE
- EXISTING 6" WATER LINE
- PARCEL OF LAND "A"
- 7-7 EXISTING SPOT ELEVATION
- NEW SIDEWALK
- NEW SANITARY MANHOLE (SEC SHEET NO. P-1)
- Wall "A"
- XRF LBP Positive
- LBP Paint Chips Sample

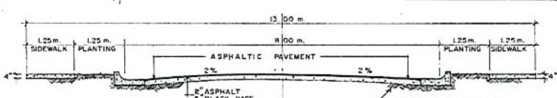
LEGEND:

- AREA OF TOPSOIL STRIPPING ± 6 INCHES.
- APPROXIMATE HORIZONTAL EXTENSION OF WEAK SOIL EXCAVATION 1 TO 2 FT. DEEP.
- FILL SURCHARGE LIMIT.
- SETTLEMENT PLATES LOCATION.

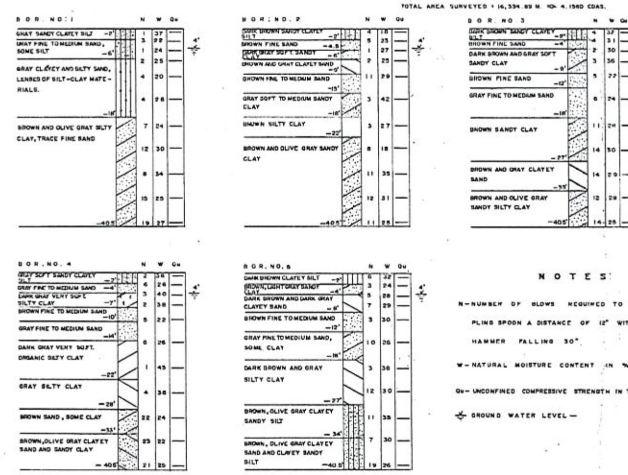


SECTION A-A (not to scale)

SITE PLAN SCALE: 1:500
(SEE SITE BLOW-UPS on SHTS. NO.A3 & NO.A-4)



TYPICAL STREET SECTION "1"
SC: 1:50



BORING LOGS

NOTES:

N-NUMBER OF BLOWS REQUIRED TO DRIVE THE SAMPLING SPOON A DISTANCE OF 12" WITH A 140 LBS. HAMMER FALLING 30".

W-NATURAL MOISTURE CONTENT IN % OF DRY WEIGHT.

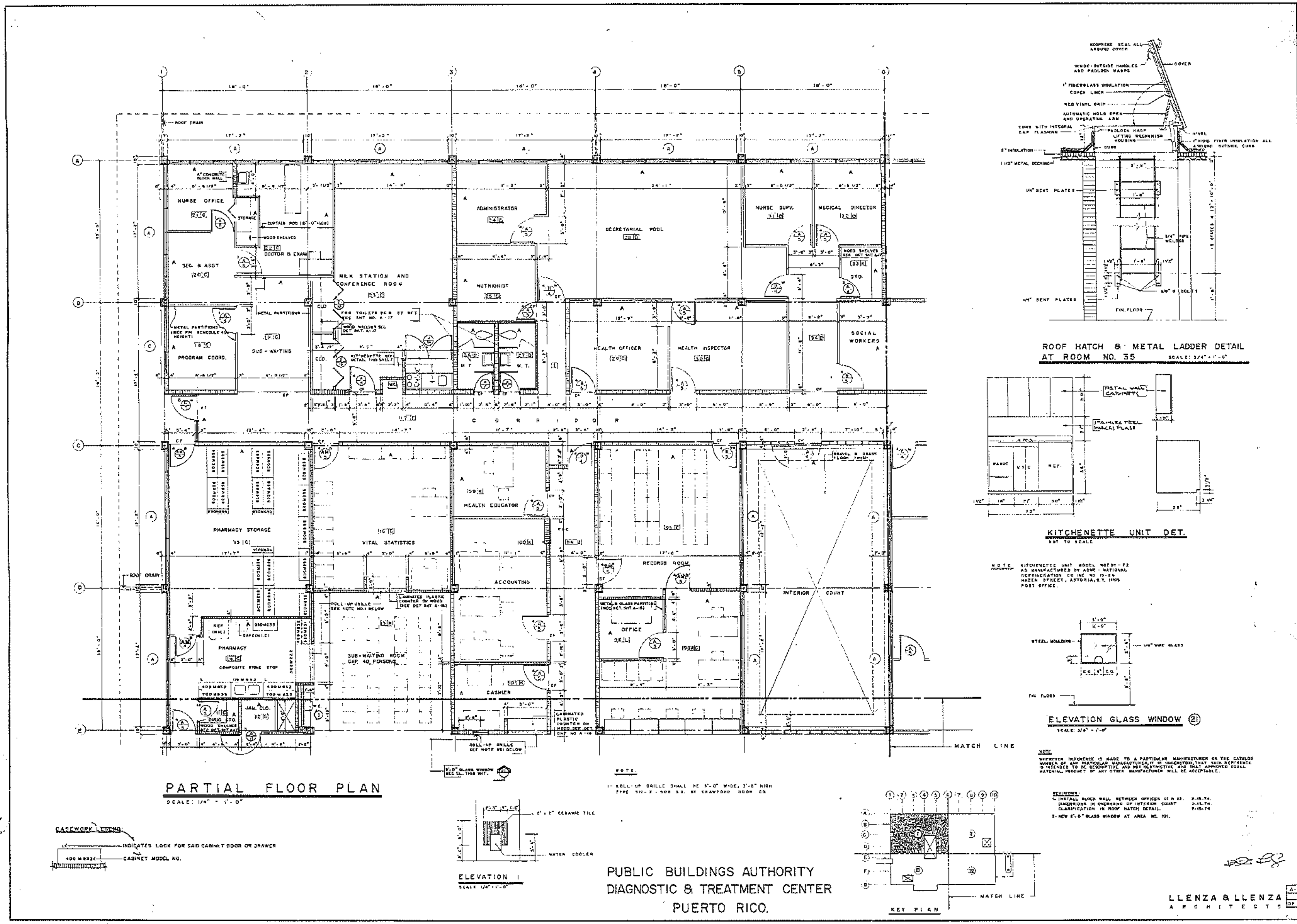
Qu-UNCONFINED COMPRESSIVE STRENGTH IN TONS PER SQ. FT.

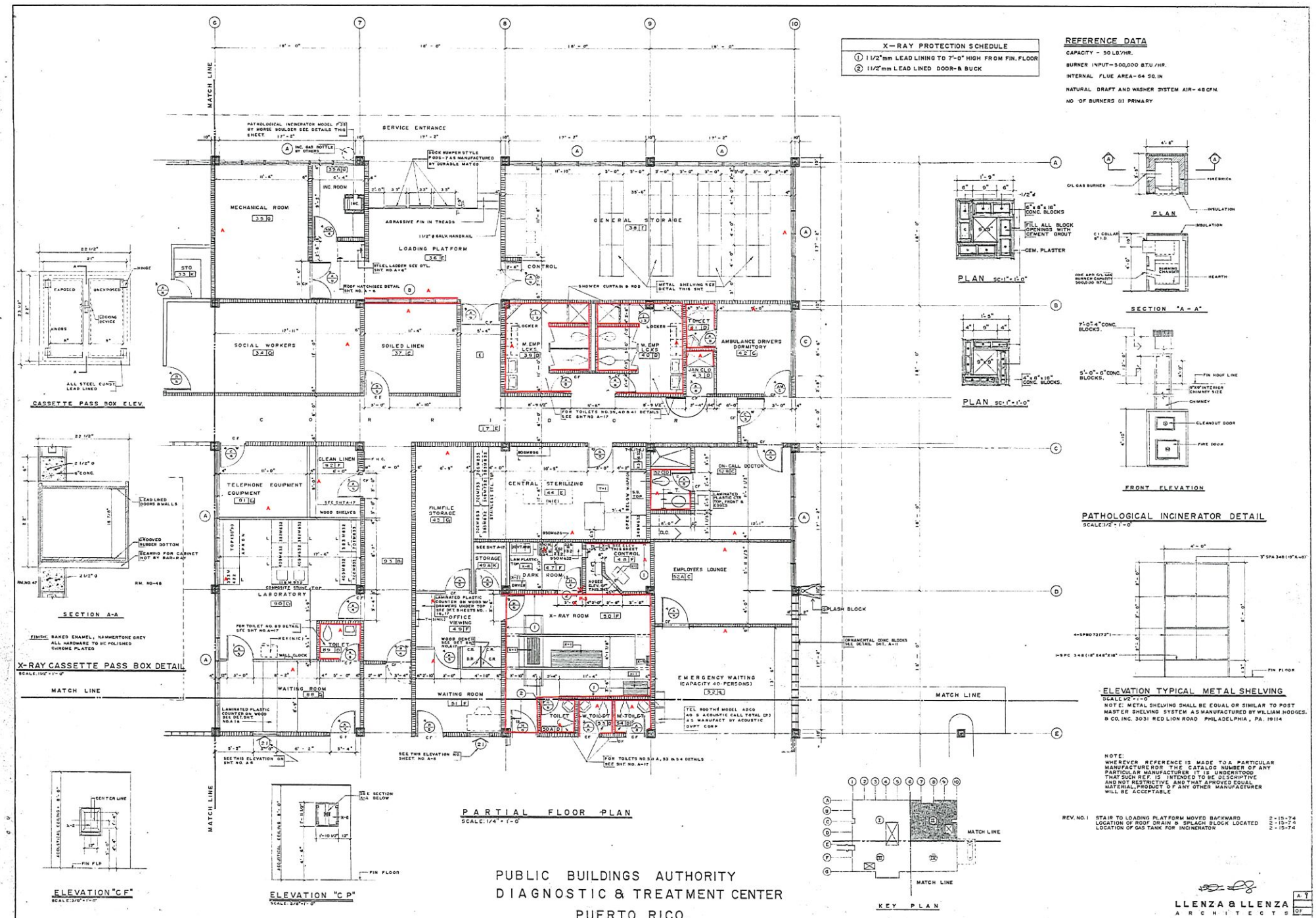
GROUND WATER LEVEL

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

LLENZA & LLENZA architects

A-2


PARTIAL FLOOR PLAN
SCALE: 1/4" = 1'-0"
NURSE OFFICE
SEC. & ASST
DOCTOR & EXAM
PROGRAM COORD.
SUB - WAITING
MILK STATION AND CONFERENCE ROOM
ADMINISTRATOR
NUTRIONIST
SECRETARIAL POOL
NURSE SUPV.
MEDICAL DIRECTOR
STO.
HEALTH OFFICER
HEALTH INSPECTOR
SOCIAL WORKERS
CORRIDOR
PHARMACY STORAGE
VITAL STATISTICS
HEALTH EDUCATOR
ACCOUNTING
RECORDS ROOM
OFFICE
INTERIOR COURT
PHARMACY
COMPOSITE STONE STOP
SUB-WAITING ROOM CAP. 40 PERSONS
CASHIER
JAN. CLO.
MATCH LINE
CASEWORK LEGEND:
INDICATES LOCK FOR SAID CABINET DOOR OR DRAWER
CABINET MODEL NO.
ELEVATION 1
SCALE 1/4" = 1'-0"
WATER COOLER
NOTE
1- ROLL-UP GRILLE SHALL BE 5'-0" WIDE, 3'-5" HIGH
ROOF HATCH & METAL LADDER DETAIL AT ROOM NO. 35
SCALE: 3/4" = 1'-0"
KITCHENETTE UNIT DET.
NOT TO SCALE
ELEVATION GLASS WINDOW 21
KEY PLAN
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.
LLENZA & LLENZA
ARCHITECTS


X-RAY PROTECTION SCHEDULE
① 1 1/2"mm LEAD LINING TO 7'-0" HIGH FROM FIN. FLOOR
② 1 1/2"mm LEAD LINED DOOR-& BUCK
REFERENCE DATA
CAPACITY - 50 LB/HR.
BURNER INPUT-500,000 B.T.U./HR.
INTERNAL FLUE AREA-64 SQ. IN
NATURAL DRAFT AND WASHER SYSTEM AIR-48 CFM.
NO OF BURNERS (1) PRIMARY
PATHOLOGICAL INCINERATOR MODEL F-25 BY MORSE BOULDER SEE DETAILS THIS SHEET
SERVICE ENTRANCE
MECHANICAL ROOM
GENERAL STORAGE
LOADING PLATFORM
SOCIAL WORKERS
SOILED LINEN
AMBULANCE DRIVERS DORMITORY
CENTRAL STERILIZING
TELEPHONE EQUIPMENT
FILM FILE STORAGE
EMPLOYEES LOUNGE
LABORATORY
X-RAY ROOM
DARK ROOM
WAITING ROOM
EMERGENCY WAITING (CAPACITY 40-PERSONS)
MATCH LINE
CASSETTE PASS BOX ELEV.
SECTION A-A
X-RAY CASSETTE PASS BOX DETAIL
PLAN SC-1"=1'-0"
SECTION "A-A"
FRONT ELEVATION
PATHOLOGICAL INCINERATOR DETAIL
SCALE:1/2"-1'-0"
ELEVATION TYPICAL METAL SHELVING
SCALE:1/2"-1'-0"
NOTE: WHEREVER 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 AND NOT RESTRICTIVE AND THAT APROVED EQUAL MATERIAL, PRODUCT OF ANY OTHER MANUFACTURER WILL BE ACCEPTABLE
REV. NO. 1 STAIR TO LOADING PLATFORM MOVED BACKWARD 2-15-74
LOCATION OF ROOF DRAIN & SPLACH BLOCK LOCATED 2-15-74
LOCATION OF GAS TANK FOR INCINERATOR 2-15-74
PARTIAL FLOOR PLAN
SCALE: 1/4" - 1'-0"
ELEVATION "C F"
ELEVATION "C P"
KEY PLAN
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
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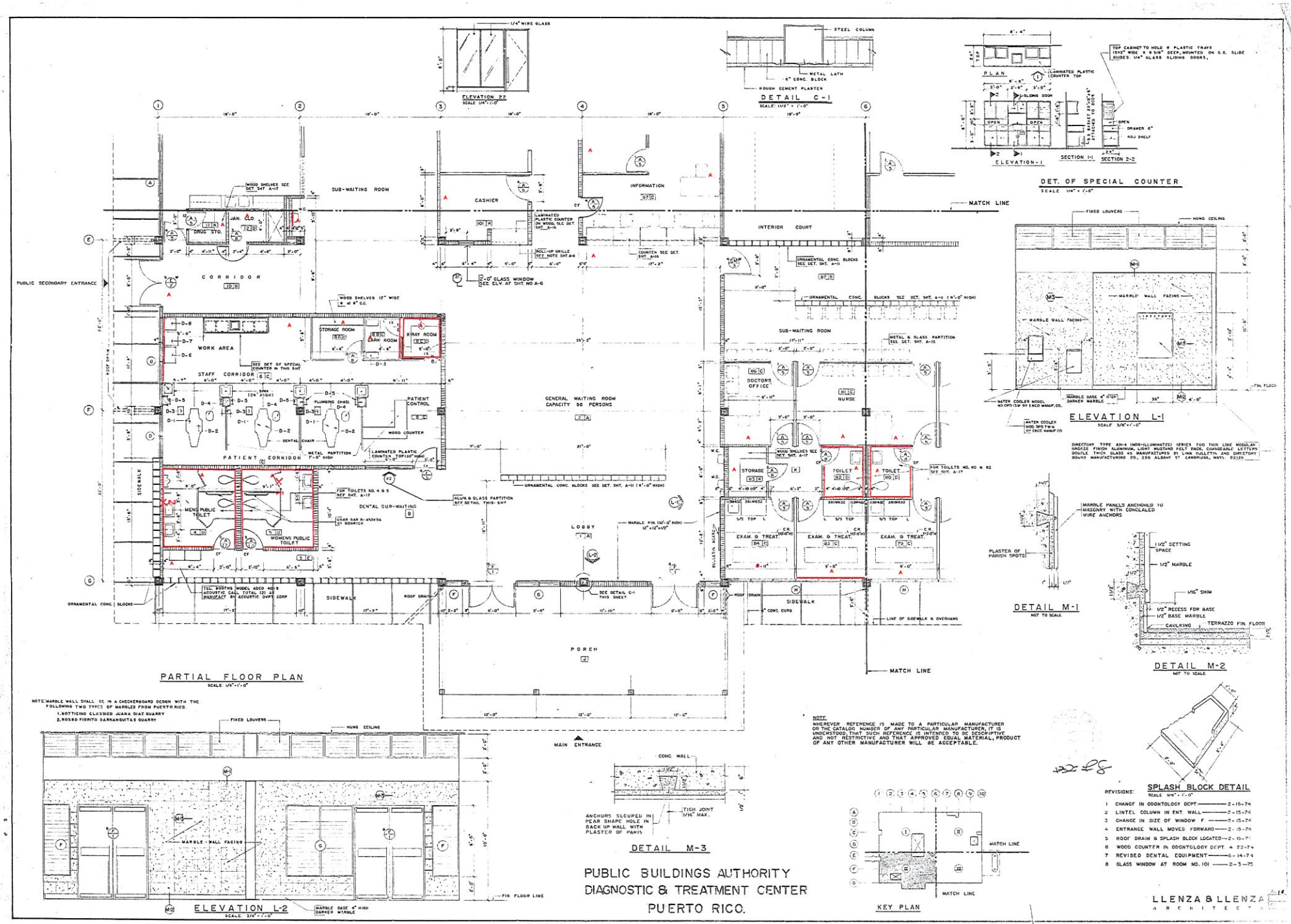
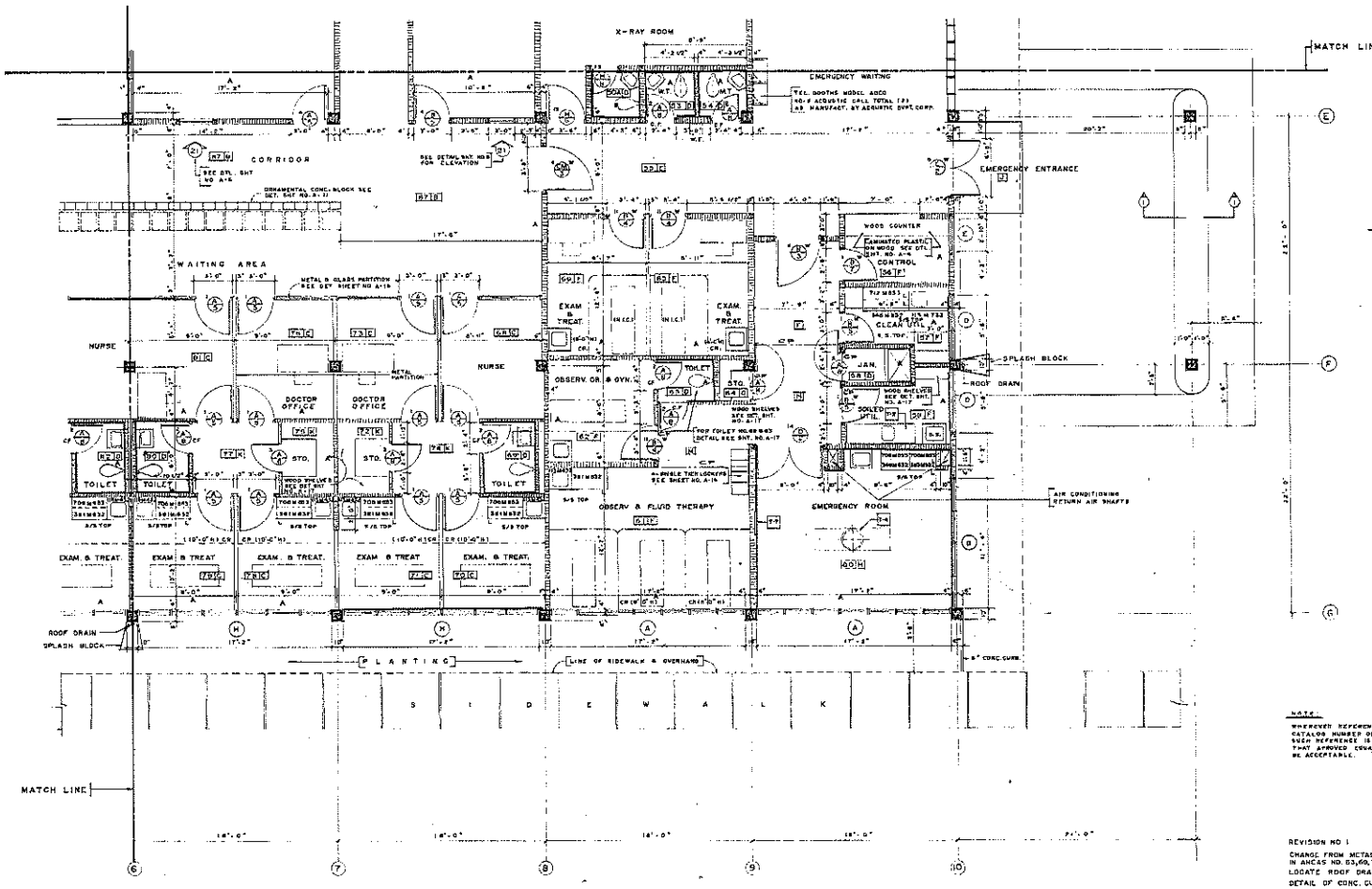
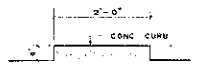
ARCHITECTS
A-7


PARTIAL FLOOR PLAN
SCALE: 1/4"-1'-0"
ELEVATION L-1
SCALE: 3/8"-1'-0"
ELEVATION L-2
SCALE: 3/8"-1'-0"
DETAIL C-1
DETAIL M-1
NOT TO SCALE
DETAIL M-2
NOT TO SCALE
DETAIL M-3
DET. OF SPECIAL COUNTER
SCALE: 1/4"-1'-0"
SPLASH BLOCK DETAIL
SCALE: 3/8"-1'-0"
KEY PLAN
PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.
LLENZA & LLENZA
ARCHITECTS
REVISIONS:
1 CHANGE IN ODONTOLOGY DEPT — 2-15-74
2 LINTEL COLUMN IN ENT. WALL — 2-15-74
3 CHANGE IN SIZE OF WINDOW F — 2-15-74
4 ENTRANCE WALL MOVED FORWARD — 2-15-74
5 ROOF DRAIN & SPLASH BLOCK LOCATED — 2-15-74
6 WOOD COUNTER IN ODONTOLOGY DEPT. 4-22-74
7 REVISED DENTAL EQUIPMENT — 6-14-74
8 GLASS WINDOW AT ROOM NO. 101 — 2-3-75



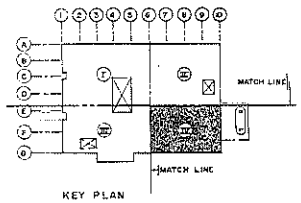
PARTIAL FLOOR PLAN SCALE 1/4"-1'-0"



SECTION 1-1
SCALE 1"-1'-0"

NOTE:
WHENEVER REFERENCE IS MADE TO A PARTICULAR MANUFACTURER OR THE CATALOG NUMBER OF ANY PARTICULAR MANUFACTURER, IT IS UNDERSTOOD, THAT SUCH REFERENCE IS INTENDED TO BE DESCRIPTIVE AND NOT RESTRICTIVE AND THAT APPROVED EQUAL MATERIAL, PRODUCT OF ANY OTHER MANUFACTURER WILL BE ACCEPTABLE.

REVISION NO 1
CHANGE FROM METAL PARTITION TO BLOCK WALLS IN AREAS NO. 63,69,70,73, 80 & 82 ——— 2/15/74
LOCATE ROOF DRAIN & SPLASH BLOCKS ——— 2/15/74
DETAIL OF CONC. CURB AT EMERGENCY ENT. ——— 2/15/74



KEY PLAN

PUBLIC BUILDINGS AUTHORITY
DIAGNOSTIC & TREATMENT CENTER
PUERTO RICO.

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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 model**	PB 200 i	**XRF Serial Num**	2249

RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	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
Municipality: Maunabo
XRF brand Viken Detection XRF model PB 200 i XRF Serial Num 2249
Date: 3-May-22
Contact: Eddy Carlo - Municipio de Maunabo

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 Frame	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	8C PLAN III Duplicate 4.1
94	1	1	A	Clinical Dental	Wall Interior	Drywall	Gray	21.6	6C PLAN III
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
Municipality: Maunabo
XRF brand Viken Detection XRF model PB 200 i XRF Serial Num 2249
Date: 3-May-22
Contact: Eddy Carlo - Municipio de Maunabo

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	Ceramic	Beige	3.2	Men 4D PLAN III
129	1	1	A	Restroom	Floor	Ceramic	Beige	0.2	Men 4D PLAN III
130	1	1	A	Restroom	Roof	Drywall	Beige	0.3	Men 4D PLAN III
131	1	1	C	Restroom	Door Interior	Wood	Beige	0.2	Men 4D PLAN III
132	1	1	C	Restroom	Door Frame	Metal	Beige	0.0	Men 4D PLAN III
133	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
134	1	1	A	Restroom	Wall Interior	Ceramic	Beige	3.5	Woman 5D PLAN III
135	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
136	1	1	B	Restroom	Wall Interior	Ceramic	Beige	3.3	Woman 5D PLAN III
137	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.0	Woman 5D PLAN III
138	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.3	Woman 5D PLAN III
139	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.2	Woman 5D PLAN III
140	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.5	Woman 5D PLAN III
141	1	1	A	Restroom	Roof	Concrete	Beige	0.3	Woman 5D PLAN III
142	1	1	A	Restroom	Floor	Ceramic	Beige	0.3	Woman 5D PLAN III
143	1	1	C	Restroom	Door Frame	Wood	Beige	0.3	Woman 5D PLAN III
144	1	1	C	Restroom	Door Interior	Metal	Beige	0.2	Woman 5D PLAN III
145	1	1	A	General Waiting room	Wall Interior	Concrete	Beige	0.2	2A 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
Municipality: Maunabo
XRF brand Viken Detection XRF model PB 200 i XRF Serial Num 2249
Date: 3-May-22
Contact: Eddy Carlo - Municipio de Maunabo

RDNG#	BLDG#	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	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	Wood	Beige	0.1	97C PLAN III
187	1	1	D	Information B	Wall Interior	Metal	Beige	0.0	97C PLAN III
188	1	1	C	Information B	Door Frame	Metal	Gray	0.2	97C PLAN III
189	1	1	C	Information B	Door Interior	Wood	Gray	0.1	97C PLAN III
190	1	1	A	Waiting room	Wall Interior	Wood	Beige	0.2	87B PLAN III
191	1	1	B	Waiting room	Wall Interior	Wood	Beige	0.1	87B PLAN III
192	1	1	C	Waiting room	Wall Interior	Concrete	Beige	0.1	87B PLAN III
193	1	1	D	Waiting room	Wall Interior	Concrete	Beige	0.1	Ornamental
194	1	1	D	Waiting room	Wall Interior	Concrete	Beige	0.1	87 B PLAN III
195	1	1	C	Waiting room	Door Frame	Metal	Gray	0.8	88 B PLAN III
196	1	1	C	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 **XRF Serial Num** 2249

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	**Inspector Name:**	Juan Fernandez
Post-calibrations	1.1;1.1;1.1	11:39	1.0;1.0;1.0	3:38	**Inspector Signature:**	Juan Fernandez Cordova

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo
Municipality: Maunabo
Date: 5/3/2022 and 5/4/2022
Contact: Eddy Carlo Municipio de Maunabo
XRF Brand: Viken Detection
XRF Model: PB200i
XRF Serie Num.: 2249

RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	Comments
237	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.6	84C PLAN III
238	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	84C PLAN III
239	1	1	D	Exam & Treat	Wall Interior	Metal	Gray	0.1	84C PLAN III
240	1	1	A	Exam & Treat	Wall Exterior	Concrete	Multicolor	3.8	83C PLAN III Duplicate 4.1
241	1	1	B	Exam & Treat	Wall Interior	Metal	Beige	0.1	83C PLAN III
242	1	1	C	Exam & Treat	Door Frame	Metal	Gray	0.7	83C PLAN III
243	1	1	C	Exam & Treat	Door Interior	Wood	Gray	0.1	83C PLAN III
244	1	1	D	Exam & Treat	Wall Interior	Concrete	Beige	0.0	83C PLAN III
245	1	1	A	Doctor Office	Wall Interior	Concrete	Beige	0.3	76C PLAN IV
246	1	1	A	Doctor Office	Door Frame	Metal	Gray	0.7	76C PLAN IV
247	1	1	A	Doctor Office	Door Interior	Wood	Gray	0.1	76C PLAN IV
248	1	1	B	Doctor Office	Wall Interior	Drywall	Beige	0.1	76C PLAN IV
249	1	1	C	Doctor Office	Wall Interior	Drywall	Beige	0.1	76C PLAN IV
250	1	1	C	Doctor Office	Door Frame	Metal	Gray	0.1	76C PLAN IV
251	1	1	C	Doctor Office	Door Interior	Wood	Gray	0.1	76C PLAN IV
252	1	1	D	Doctor Office	Wall Interior	Drywall	Beige	0.0	76C PLAN IV
253	1	1	D	Doctor Office	Column	Metal	Gray	0.5	76C PLAN IV
254	1	1	A	Storage room	Wall Interior	Concrete	Blue	0.0	75K PLAN IV
255	1	1	B	Storage room	Wall Interior	Concrete	Blue	0.0	75K PLAN IV
256	1	1	C	Storage room	Wall Interior	Concrete	Blue	0.0	75K PLAN IV
257	1	1	D	Storage room	Wall Interior	Concrete	Blue	0.0	75K PLAN IV
258	1	1	C	Storage room	Door Frame	Metal	Gray	0.7	75K PLAN IV
259	1	1	C	Storage room	Door Interior	Wood	Gray	0.0	75K PLAN IV
260	1	1	A	Hall	Wall Interior	Concrete	Beige	0.2	77K PLAN IV
261	1	1	B	Hall	Wall Interior	Concrete	Beige	0.0	77K PLAN IV
262	1	1	C	Hall	Wall Interior	Concrete	Beige	0.0	77K PLAN IV
263	1	1	A	Nurse	Wall Interior	Concrete	Beige	0.1	81C PLAN III
264	1	1	A	Nurse	Door Frame	Metal	Gray	0.2	81C PLAN III
265	1	1	A	Nurse	Door Interior	Wood	Gray	0.1	81C PLAN III
266	1	1	B	Nurse	Wall Interior	Drywall	Beige	0.2	81C PLAN III
267	1	1	C	Nurse	Wall Interior	Concrete	Beige	0.0	81C PLAN III
268	1	1	C	Nurse	Door Frame	Metal	Gray	0.7	81C PLAN III
269	1	1	C	Nurse	Door Interior	Wood	Gray	0.2	81C PLAN III
270	1	1	D	Nurse	Wall Interior	Drywall	Gray	0.1	81C PLAN III
271	1	1	D	Nurse	Column	Metal	Gray	0.3	81C PLAN III
272	1	1	A	Restroom	Wall Interior	Concrete	Beige	0.0	80D PLAN III
273	1	1	A	Restroom	Wall Interior	Ceramic	Beige	2.8	80D PLAN III
274	1	1	B	Restroom	Wall Interior	Concrete	Beige	0.1	80D PLAN III
275	1	1	B	Restroom	Wall Interior	Ceramic	Beige	2.8	80D PLAN III
276	1	1	C	Restroom	Door Frame	Metal	Gray	0.7	80D PLAN III
277	1	1	C	Restroom	Door Interior	Wood	Gray	0.0	80D PLAN III
278	1	1	C	Restroom	Wall Interior	Concrete	Beige	0.1	80D PLAN III
279	1	1	C	Restroom	Wall Interior	Ceramic	Beige	3.3	80D PLAN III
280	1	1	D	Restroom	Wall Interior	Concrete	Beige	0.1	80D PLAN III
281	1	1	D	Restroom	Wall Interior	Ceramic	Beige	3.3	80D PLAN III
282	1	1	A	Restroom	Roof	Drywall	Beige	0.5	80D PLAN III
283	1	1	A	Restroom	Floor	Ceramic	Beige	0.3	80D PLAN III
284	1	1	A	Exam & Treat	Wall Interior	Drywall	Beige	0.4	79C PLAN III
285	1	1	B	Exam & Treat	Wall Interior	Concrete	Beige	0.1	79C PLAN III

Lead Based Paint - XRF Testing Results

Project: CDT Maunabo
Municipality: Maunabo
Date: 5/3/2022 and 5/4/2022
Contact: Eddy Carlo Municipio de Maunabo
XRF Brand: Viken Detection
XRF Model: PB200i
XRF Serie Num.: 2249

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	Viken Detection	XRF Model	PB200i		XRF Serie Num.	2249	

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 Model**	PB200i	**XRF Serie Num.**	2249

RDNG#	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	Viken Detection	**XRF Model**	PB200i	**XRF Serie Num.**	2249

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	Enployees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
454	1	1	B	Enployees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
455	1	1	C	Enployees Lounge	Wall Interior	Concrete	Beige	0.0	52A PLAN II
456	1	1	C	Enployees 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	**Inspector Name:**	Juan Fernandez
Post-calibrations	1.1;1.1;1.1	11:39	1.1;1.0;1.1	1:56pm	**Inspector Signature:**	Juan Fernandez Cordova

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	PB200i	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		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:	4-May-22
Municipality:	Maunabo			Contact:	Eddy Carlo Municipio de Maunabo
XRF Brand	Viken Detection	XRF Model	PB200i	XRF Serie Num	2249

RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	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
Municipality:	Maunabo			**Contact:**	Eddy Carlo Municipio de Maunabo
XRF Brand	**Viken Detection**	XRF Model	**PB200i**	**XRF Serie Num**	2249

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 II
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
Municipality:	Maunabo			**Contact:**	Eddy Carlo Municipio de Maunabo
XRF Brand	**Viken Detection**	XRF Model	**PB200i**	**XRF Serie Num**	**2249**

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	
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- Crodinator	Wall Interior	Drywall	Beige	0.3	18C PLAN I
636	1	1	B	Program- Crodinator	Wall Interior	Drywall	Beige	0.0	18C PLAN I
637	1	1	C	Program- Crodinator	Wall Interior	Drywall	Beige	0.0	18C PLAN I
638	1	1	D	Program- Crodinator	Wall Interior	Drywall	Beige	0.1	18C PLAN I
639	1	1	C	Program- Crodinator	Door Frame	Metal	Gray	0.1	18C PLAN I
640	1	1	C	Program- Crodinator	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 Cordova	

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 model	**PB 200 i**	**XRF Serial Num**	**2249**

RDNG#	BLDG#	Floor	Side	Room	Structure	Substrate	Color	XRF(mg/cm²)	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 Cordero

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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.

Lcda. Liza M. Colón

05/10/22
Date

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Liza M. Colón
Lic. #4598
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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.

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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.

Signature: Liza Colon
Date: 05/10/2022

Name: [lcolon]
Title: Lab Manager

ESTADO LIBRE ASOCIADO DE PUERTO RICO
Lic. Liza M. Colón
Lic. #4598
05/10/22
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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 — Sample Matrix: Paint
Job Sample ID: C22050125.01 — Date Collected: 05/06/2022
Sample Description: X-Ray Room Clinical Dental Door Wall C Wood Gray — 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 — Sample Matrix: Paint
Job Sample ID: C22050125.02 — Date Collected: 05/06/2022
Sample Description: Work Area Clinical Dental Wall D Metal Panel Blue — 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 — Sample Matrix: Paint
Job Sample ID: C22050125.03 — Date Collected: 05/06/2022
Sample Description: X-Ray Room 50F Wall A Door Gray/Yellow — 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

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Lic. Liza M. Colón
Lic. #4598
05/10/22
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611 Monserrate ST, 2nd floor, Santurce, PR 00907
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 :** lcolon

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

ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

#611 Monserrate, 2nd. Floor, Santurce, P.R. 00907
Ph: (787) 722-0220 Fax: (787) 724-5788

Client Name: Departamento de Salud PR
Address: San Juan
Contact: Federico
Phone/Fax: 787-792-1509

Project Name: CDT Hatillo
Site Location: Hatillo
Samplers Name: Juan Fernandez
Company: CMA

Chain of Custody Record

COC-010/Rev 2/2016

SAMPLE I.D.	SAMPLE DESCRIPTION (i.e. Location, Name, etc.)	COLLECTED Date	COLLECTED Time	SAMPLE TYPE Comp.	SAMPLE TYPE Grab	SAMPLE TYPE Other	SAMPLE INFO. Preservative	SAMPLE INFO. No. of Containers	LBP								LAB I.D. #
P-1	X-Ray Room Clinical Dental Door Wall A Wood Gray	5/6/22	11:10	✓			N/A	1	X								22050125 .01
P-2	Work Area Clinical Dental Wall D Metal Panel Blue	5/6/22	11:19	✓			N/A	1	X								02
P-3	X-Ray Room 50 F Wall A Door Gray/Yellow	5/6/22	12:06	✓			N/A	1	X								03

Turnaround Time: Normal: ☐ Rush: ☒

Sampling Witness:

Comments: 5/10-9-2022

Witness Company:

Relinquished By: Jose R. Garcia	Date/Time 9:00 am	Delivered Directly to Lab:	☒
Received By:	Date/Time 5/9/22 9:00	Method of Shipment:	
Relinquished By:	Date/Time	Lab. Recipient:	
Received By:	Date/Time	Date:	

*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

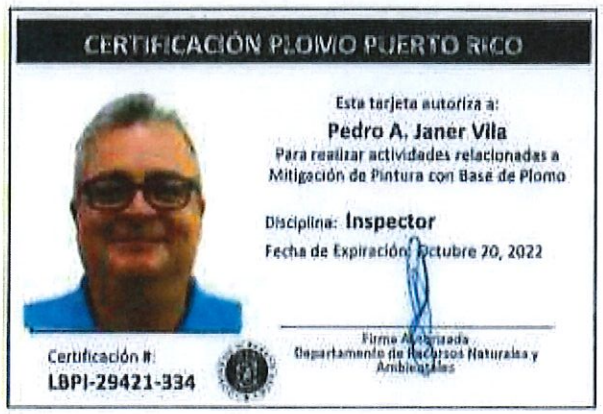
Para realizar actividades relacionadas a Mitigación de Pintura con Base de Plomo

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

DRNA

José Roque Juliá
Jefe
División Desperdicios Tóxicos