



Hon. Pedro R. Pierluisi Urrutia
Gobernador

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

ENMIENDA NÚMERO 2

SUBASTA FORMAL 22J-08291

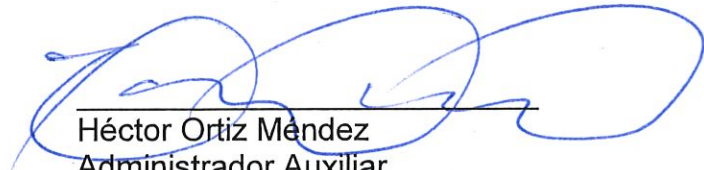
IMPERMEABILIZACIÓN DE TECHO EN EL EDIFICIO T-0953-0-70 LOCALIZADO EN EL MUNICIPIO DE GURABO, PERTENECIENTE A LA COMPAÑÍA DE FOMENTO INDUSTRIAL ADSCRITO AL DEPARTAMENTO DE DESARROLLO ECONÓMICO Y COMERCIO DEL GOBIERNO DE PUERTO RICO

Asunto: Varios

Se notifica a los licitadores interesados en participar en la Subasta de referencia la siguiente enmienda:

- I. Se adjunta **Tabla de Cotizar Enmendada I**, la cuál tendrán que utilizar para presentar su oferta.
- II. Se adjunta **Informe de Inspección de Asbestos**
- III. Se adjunta **Anejo V (Planos)**
- IV. Se adjunta las **Especificaciones STG 0978**

Esta Enmienda forma parte del Pliego de Subasta y quienes interesen licitar, tendrán que considerarla al presentar su Oferta. Todos los demás términos, condiciones y especificaciones permanecen sin alterar.


Héctor Ortiz Méndez
Administrador Auxiliar
Área de Adquisiciones


Aura Rosa Vázquez
Oficial de Licitación

Emitido hoy viernes, 27 de mayo de 2022
En San Juan, Puerto Rico

ADMINISTRACIÓN DE SERVICIOS GENERALES
Gobierno de Puerto Rico

PO Box 41249 San Juan, PR 00940 | (787) 759-7676 | administracion@asg.pr.gov





Tabla de Ofertar Enmendada 1
Subasta Formal Número 22J-08291



Servicios para la Impemeeabilización de Techo
en el edificio T-0953-0-70 en Gurabo de la Compañía de Fomento Industrial

Partida	Descripción	Unidad	Cantidad	Precio Unitario	Precio Total	Ley % de Preferencia (si aplica)	Marca	Modelo	Procedencia	Tiempo de entrega	Garantía
1	Remoción y disposición del material impermeabilizador existente en un vertedero autorizado. En cumplimiento con la regulación vigente. El mismo contiene Asbesto; "Roofing Materials with Asbestos". (Ver Informe Adjunto) Al finalizar el proyecto el contratista entregara certificación de un profesional autorizado de que la propiedad está libre de Asbesto. (Manufactura, Baños y Anexos NON PRIDCO)	L. S.	1	\$ -	-						
2	Remoción y disposición de pared en asbesto; "Wall Panel With Asbestos". En cumplimiento con la regulación vigente. (Ver Informe Adjunto) Al finalizar el proyecto el contratista entregara la certificación de un profesional autorizado de que la propiedad está libre de Asbesto. (Baños)	L. S.	1	\$ -	-						
3	Suplir e instalar planchas de metal tipo B calibre 22 atornilladas. Ver Anejo. Incluye remover y disponer todos los poretes existentes con sus elementos. También, incluye el "closure strip" o sello entre las vigas de perimetro y el "metal deck". La cantidad no incluye el ancho de solape entre planchas, será responsabilidad del contratista su inclusión. (Manufactura).	P. C.	11,026	\$ -	-						



Tabla de Ofertar Enmendada 1
Subasta Formal Número 22J-08291



Servicios para la Impemeeabilización de Techo
en el edificio T-0953-0-70 en Gurabo de la Compañía de Fomento Industrial

Partida	Descripción	Unidad	Cantidad	Precio Unitario	Precio Total	Ley % de Preferencia (si aplica)	Marca	Modelo	Procedencia	Tiempo de entrega	Garantía
4	Suplir e instalar viguetas (20LH2). Esto incluye todos sus elementos, los "Uplift Bridging" y los "Horizontal Bridging" necesarios para su instalación. Ver anexo V. También incluye remover y disponer de los "Cross Bridging" existente. El largo de las viguetas debe ser verificado por el contratista en "site" antes de su fabricación e instalación. (Manufactura)	C.U.	48	\$ -	-						
5	Corregir corrosión con raspe, cepillo de alambre o motorizado y aplicación de inhibidor de corrosión en toda la superficie superior de las viguetas existentes. (Manufactura)	L.S.	1	\$ -	-						
6	Servicio de lavado a presión (3,000 psi) de la superficie del techo. (Baños)	P.C.	430	\$ -	-						
7	Adquisición y aplicación de primer asfáltico a superficies existentes previo a la instalación de membranas nuevas. (Baños)	P.C.	430	\$ -	-						



Tabla de Ofertar Enmendada 1
Subasta Formal Número 22J-08291



Servicios para la Impemebabilización de Techo
en el edificio T-0953-0-70 en Gurabo de la Compañía de Fomento Industrial

Partida	Descripción	Unidad	Cantidad	Precio Unitario	Precio Total	Ley % de Preferencia (si aplica)	Marca	Modelo	Procedencia	Tiempo de entrega	Garantía
8	Suplir e instalar aislación de isocianurato de 3" de espesor o dos (2) de 1.5" anclada al metal con tornillos # 15 de 6" de largo mínimo y chapas de presión de 3"Ø, según las especificaciones de CFI. Incluye los "1/2" Wood Fiber Base And Additives Recover Board" y los "min. 22 ga. Galv. or Painted Steel Sheet". Ver Anejo V. Incluye el remplazo de la madera tratada y adicionales en los aleros y el lado posterior. Para los aleros instalar según detalle del plano. (Manufactura).	P.C.	11,026		\$ -						
9	Suplir e instalar sistema de impermeabilización tipo "SBS Modified Bituminous", según las especificaciones de la CFI. Ver anejo. Incluye todos los "flashing" necesarios, pintura metálica en las montas y refuerzo con malla de poliéster adherida y cubierta con masa asfáltica en el perímetro. (Manufactura y Baños)	P.C.	11,456		\$ -						
10	Pintura en base de aceite ("ename") de los "flashing" (Todo lo visible). Incluye aplicación de "primer" previo. El color será escogido por el ingeniero de la CFI.	P.L.	486		\$ -						



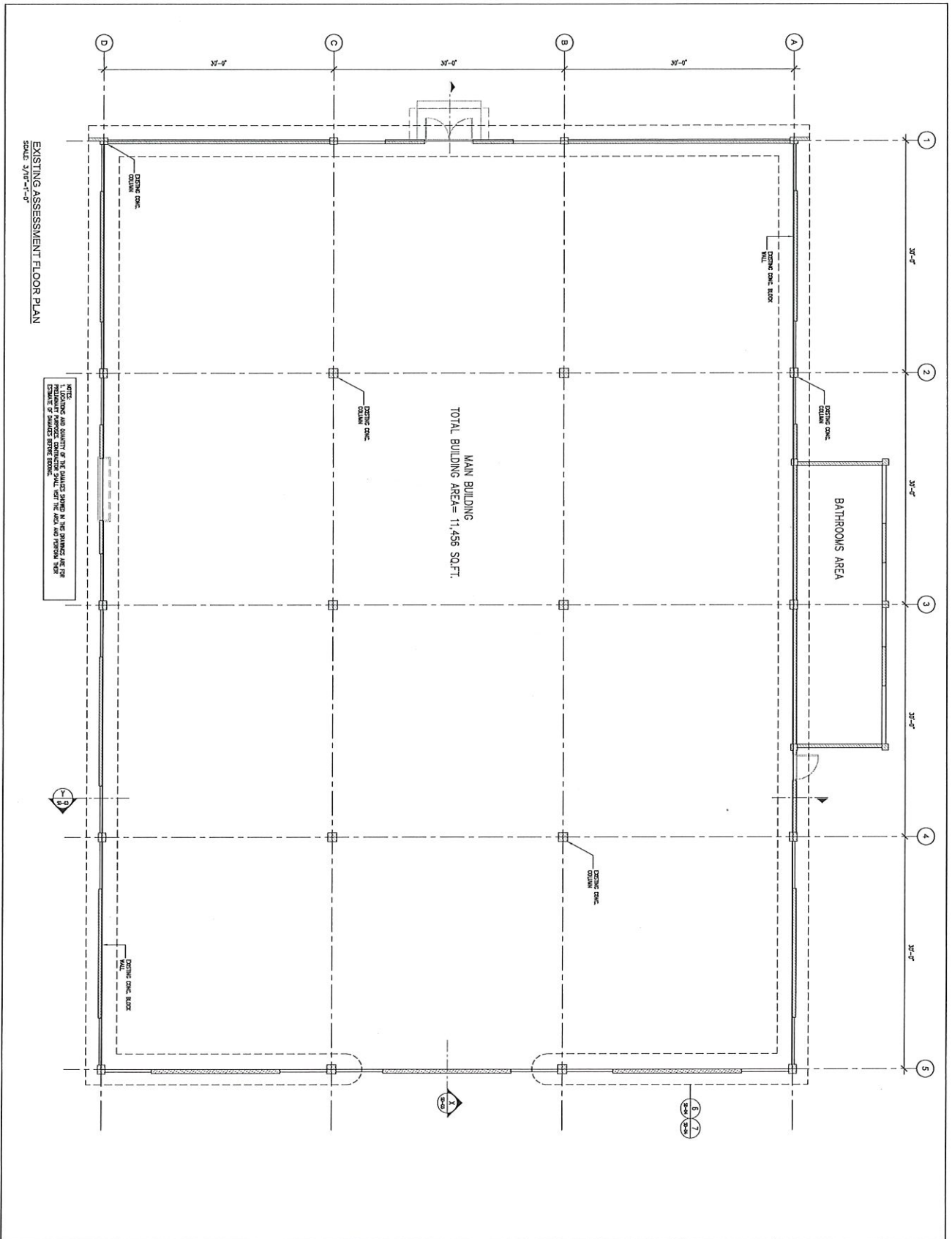
Tabla de Ofertar Enmendada 1
Subasta Formal Número 22J-08291
Servicios para la Impemeabilización de Techo
en el edificio T-0953-0-70 en Gurabo de la Compañía de Fomento Industrial

Partida	Descripción	Unidad	Cantidad	Precio Unitario	Precio Total	Ley % de Preferencia (si aplica)	Marca	Modelo	Procedencia	Tiempo de entrega	Garantía
11	Reemplazar drenaje de caída libre en el techo de los baños para aumentar su diámetro @ 3" PVC SCH 40. Incluye demolición y empaquetado necesario. Incluye demolición y empaquetado necesario.	C.U.	1		\$ -						
Precio Total del Proyecto:		\$									
Término de Entrega del Proyecto:											

Nombre del Licitador: _____
Habrà un ALLOWANCE a ser determinado por PRIDCO.

Firma del Licitador: _____

El contratista será responsable de cumplir con las notas generales adicionales y las especificaciones que se acompañan en los anejos.
La garantía mínima del sistema impermeabilizador será de 12 años.



EXISTING ASSESSMENT FLOOR PLAN
SCALE 3/8"=1'-0"

NOTES:
1. THE BUILDING AREA IS THE TOTAL AREA OF THE BUILDING INCLUDING THE BATHROOMS AREA.
2. THE BUILDING AREA IS THE TOTAL AREA OF THE BUILDING INCLUDING THE BATHROOMS AREA.
3. THE BUILDING AREA IS THE TOTAL AREA OF THE BUILDING INCLUDING THE BATHROOMS AREA.



ShareTech
GROUP ENGINEERING, P.S.C.
PR #1 KM 34.4
P.O. BOX 1000, SUITE 215
FLORENCE, AL 36603
PHONE: 770-230-5889, 800-767-7202/2318
FAX: 770-230-5889, 800-767-7202/2318

PRIDCO
T-0953-0-70

PROJECT NAME:
PRIDCO

DRIVING TITLE:
EXISTING ASSESSMENT
FLOOR PLAN

APPROVED BY:	REVIEW BY:	DRAWN BY:
ELIYAH	LAWRENCE	ELIYAH

DATE:	SCHOOL:	AS SHOWN:	REVISION:
4/24/2020			C

NOTES:
SD-01

PRIDCO
Proudly Built by the PRIDCO Group



ESTIMATED PRIDCO GROUP ESTIMATED TOTAL 1-0953-0-70

REVISION	REVISION DATE	REVISION BY
1	04-20-21	ELIYAH
2	04-20-21	ELIYAH
3	04-20-21	ELIYAH
4	04-20-21	ELIYAH
5	04-20-21	ELIYAH
6	04-20-21	ELIYAH
7	04-20-21	ELIYAH
8	04-20-21	ELIYAH
9	04-20-21	ELIYAH
10	04-20-21	ELIYAH
11	04-20-21	ELIYAH
12	04-20-21	ELIYAH
13	04-20-21	ELIYAH
14	04-20-21	ELIYAH
15	04-20-21	ELIYAH
16	04-20-21	ELIYAH
17	04-20-21	ELIYAH
18	04-20-21	ELIYAH
19	04-20-21	ELIYAH
20	04-20-21	ELIYAH
21	04-20-21	ELIYAH
22	04-20-21	ELIYAH
23	04-20-21	ELIYAH
24	04-20-21	ELIYAH
25	04-20-21	ELIYAH
26	04-20-21	ELIYAH
27	04-20-21	ELIYAH
28	04-20-21	ELIYAH
29	04-20-21	ELIYAH
30	04-20-21	ELIYAH
31	04-20-21	ELIYAH
32	04-20-21	ELIYAH
33	04-20-21	ELIYAH
34	04-20-21	ELIYAH
35	04-20-21	ELIYAH
36	04-20-21	ELIYAH
37	04-20-21	ELIYAH
38	04-20-21	ELIYAH
39	04-20-21	ELIYAH
40	04-20-21	ELIYAH
41	04-20-21	ELIYAH
42	04-20-21	ELIYAH
43	04-20-21	ELIYAH
44	04-20-21	ELIYAH
45	04-20-21	ELIYAH
46	04-20-21	ELIYAH
47	04-20-21	ELIYAH
48	04-20-21	ELIYAH
49	04-20-21	ELIYAH
50	04-20-21	ELIYAH
51	04-20-21	ELIYAH
52	04-20-21	ELIYAH
53	04-20-21	ELIYAH
54	04-20-21	ELIYAH
55	04-20-21	ELIYAH
56	04-20-21	ELIYAH
57	04-20-21	ELIYAH
58	04-20-21	ELIYAH
59	04-20-21	ELIYAH
60	04-20-21	ELIYAH
61	04-20-21	ELIYAH
62	04-20-21	ELIYAH
63	04-20-21	ELIYAH
64	04-20-21	ELIYAH
65	04-20-21	ELIYAH
66	04-20-21	ELIYAH
67	04-20-21	ELIYAH
68	04-20-21	ELIYAH
69	04-20-21	ELIYAH
70	04-20-21	ELIYAH
71	04-20-21	ELIYAH
72	04-20-21	ELIYAH
73	04-20-21	ELIYAH
74	04-20-21	ELIYAH
75	04-20-21	ELIYAH
76	04-20-21	ELIYAH
77	04-20-21	ELIYAH
78	04-20-21	ELIYAH
79	04-20-21	ELIYAH
80	04-20-21	ELIYAH
81	04-20-21	ELIYAH
82	04-20-21	ELIYAH
83	04-20-21	ELIYAH
84	04-20-21	ELIYAH
85	04-20-21	ELIYAH
86	04-20-21	ELIYAH
87	04-20-21	ELIYAH
88	04-20-21	ELIYAH
89	04-20-21	ELIYAH
90	04-20-21	ELIYAH
91	04-20-21	ELIYAH
92	04-20-21	ELIYAH
93	04-20-21	ELIYAH
94	04-20-21	ELIYAH
95	04-20-21	ELIYAH
96	04-20-21	ELIYAH
97	04-20-21	ELIYAH
98	04-20-21	ELIYAH
99	04-20-21	ELIYAH
100	04-20-21	ELIYAH



SEAL & SIGNATURE:

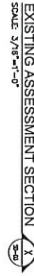
TO THE ATTORNEY GENERAL

PROJECT NAME: BRIDCO

1-0953-0-10

SECTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----



[illegible]



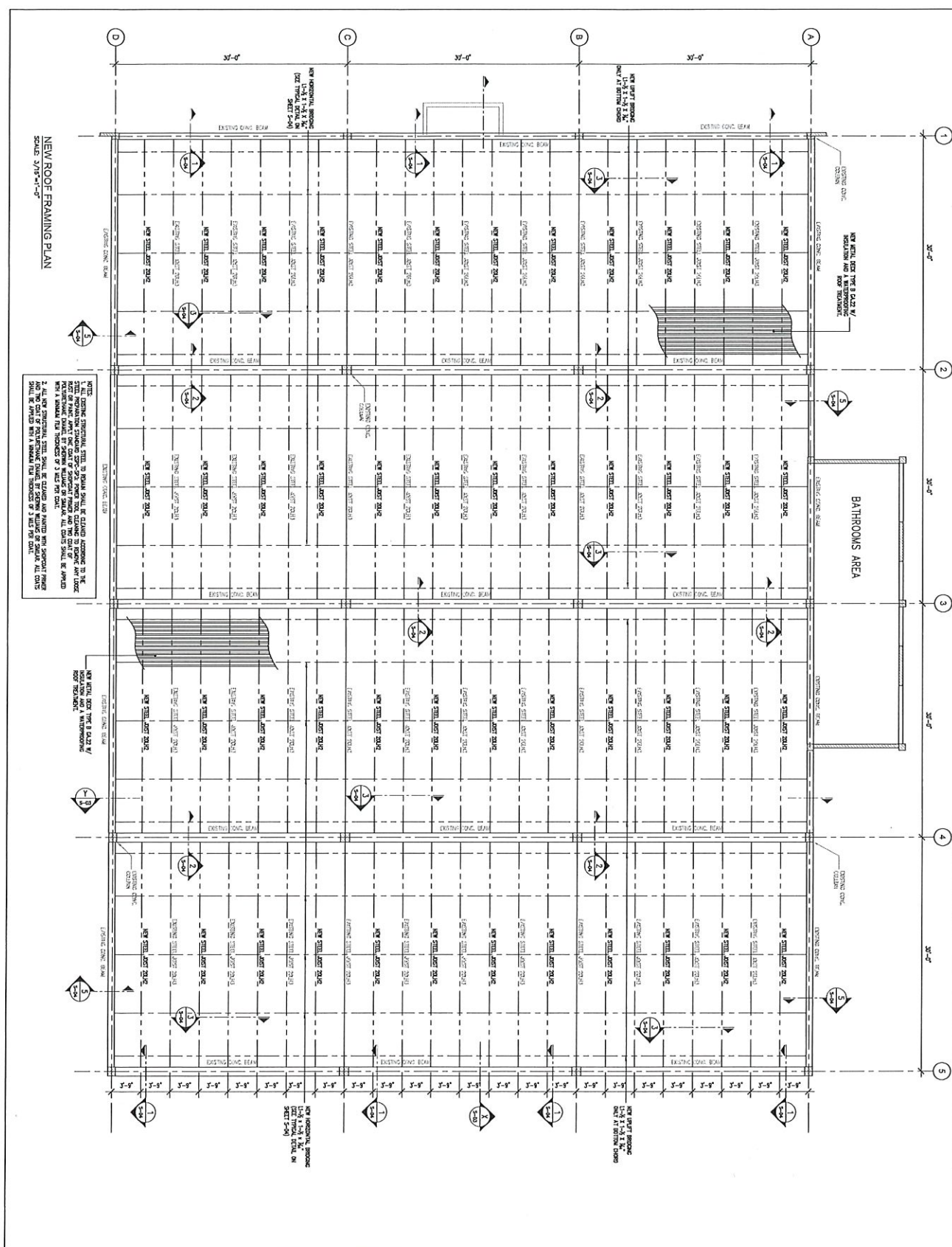
ENGINEERING & ARCHITECTURAL DESIGN NOTE



REVISION NO.	DESCRIPTION	DATE
A	ISSUED FOR REVIEW	06-20-21
B	ISSUED FOR CONSTRUCTION	06-20-21
C	ISSUED FOR CONSTRUCTION REVISED	06-22-21
D	REVISION 1	1-28-22
E	REVISION 2	5/17/2022
-	-	-
-	-	-
-	-	-
-	-	-
PROJECT NAME:	DOLPHIN	

DRAWING TITLE		PRIDCO T-0953-0-70	
DEMOLITION SECTIONS			
APPROVED BY: ELIOTS	REVISED BY: L. HORTON	DRAWN BY: ELIOTS	
DATE 8/29/2001	SCALE AS SHOWN	REVISION C	
NOTES: 		DRAWING NUMBER SD-06	

[illegible]



PRIDCO
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.pridco.com

ShareTech
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.sharetech.com

PRIDCO
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.pridco.com

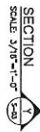
ShareTech
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.sharetech.com

PRIDCO
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.pridco.com

ShareTech
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.sharetech.com

PRIDCO
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.pridco.com

ShareTech
P.R. 41, KM 54.4
SUITE 215
CAROLINA, N.C. 28016
Phone: 767-720-5888 Fax: 767-720-2318
Website: www.sharetech.com

[illegible]

CONSTRUCTION PERIOD DATED BEYOND NMA 1-0053-0-75			
THRESHOLD NO.	DESCRIPTION	DATE	
A	ISSUED FOR REVIEW	06-28-75	
B	ISSUED FOR CONSTRUCTION	06-30-75	
C	ISSUED FOR CONSTRUCTION REVISED	09-22-75	
D	REVISION 1	1-25-76	
E	REVISION 2	5/17/2002	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
PROJECT NAME:	DDDDDD		

PROJECT NAME: PRIDCO
T-0953-0-70

DRAWING TITLE:
NEW FRAMING SECTIONS

APPROVED BY: ELDRS	RECEIVED BY: LAWRENCE	DRAWN BY: ELDRS
DATE 8/23/2021	SCALE AS SHOWN	REVISION: C
NORTH 		DRAWING NUMBER S-03



[illegible]



GLOBAL ENVIRONMENTAL SERVICES LLC

*Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/ Indoor Air Quality
DNER & EPA Permits and Certifications*

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

Asbestos Containing Materials Inspection



***SAMPLING CONDUCTED AT:
BUILDING T-0953-0-70-00***

*Rincon Industrial Park
Located at Road PR-189 Km. 5.9 Rincon Ward
in Gurabo, PR*



GES Project # -2022-067

MAY 2022



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

TABLE OF CONTENT

REPORT COVER.....	1
TABLE OF CONTENT.....	2
Introduction.....	3
Asbestos Containing Materials Inspection.....	3-4
APPENDIX I Layout and Site Locations.....	5-10
APPENDIX II Certifications granted by the EQB/DNER of Puerto Rico.....	11-12
APPENDIX III Asbestos Sample Inspection Form Physical & Hazards Assessment..	13-14
APPENDIX IV Photos of the bulks samples made in the building.....	15-18
APPENDIX V Locations of the bulks samples taken.....	19-20
APPENDIX VI Chain of Custody & Analytical Results.....	21-24
APPENDIX VII Table Summary of Materials with Asbestos.....	25-26
APPENDIX VIII Areas where the positive materials are found with Asbestos.....	27-29
APPENDIX IX Laboratory Certifications.....	30-32
APPENDIX X Conclusion.....	33



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

May 10, 2022

Mrs. Karen W. Fornes
Environmental Assessment and
Audit Officer
Planning and Environmental Affairs Division
PRIDCO
Puerto Rico Industrial Development Company
PO Box 362350 San Juan, PR 00918

Affair: Asbestos Containing Materials Inspection in Building T-0953-0-70-00 Rincon Industrial Park located at Road PR-189 Km. 5.9 Rincon Ward in Gurabo, PR

Dear Mrs. Fornes:

Global Environmental Services LLC (GES) was contracted to perform a Asbestos Containing Materials Inspection in Building T-0953-0-70-00 in Road PR-189 Km. 5.9 Rincon Ward in Gurabo, PR. The inspection was contracted for the evaluation this building.

Asbestos Containing Building Material (ACBM) is defined as any material which contains more that 1% percent Asbestos. The layout area in Appendix I of the Report.

The ACM inspection was conducted on May 10, 2022 by Angel M. Rivera state-certified asbestos inspector #ASB-0921-0457-SI, qualified by experience.

During the inspection, inspector found suspected Asbestos Containing Materials. A total 6 bulks samples were collected in the reference structure. The asbestos inspection work will be performed by Asbestos Hazards Emergency Response Act (AHERA) accredited asbestos inspectors under the Puerto Rico Department of Natural and Environmental Resources accreditation program. The inspection will be conducted in accordance with EPA's "Guidance for Controlling Asbestos Containing Materials in Buildings (EPA 560/5-85/024)". Asbestos Containing Materials Inspection and bulk sampling procedures to be implemented was based on the guidelines established by the ASTM E2356-14 Standard Practice for Comprehensive Building Asbestos Survey. Samples were analyzed by PLM using dispersion staining techniques in accordance with US EPA Method: 600/M4-82-020 of Dec. 1982 and 600/R-93/116 of July 93.

Our Global Environmental Services LLC (GES) company after reviewing the results of the bulks samples **obtained was found positive materials with Asbestos** in reference building. See the following pages of the report that indicate positive areas and square feet.

Page 3/33



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

If remodeling or demolishing activities will be conducted in the nearest future it is recommended to remove all Asbestos Containing Materials present within the structure as to comply with NESHAP/DNER requirement.

The Asbestos Containing Materials inspection was performed based on DNER/NESHAP regulations and protocol according to the following scenario:

- a. The building is divided into several functional spaces.
- b. Physical and hazard assessment of suspected asbestos containing materials was performed.
- c. Samples were collected according to homogenous areas.
- d. Samples sent to NVLAP Accredited Laboratory located in PR.
- e. Samples were analyzed by PLM method, in accordance to EPA recommended procedures.

Thank you for the opportunity, any questions, please call 787-994-2203 and 787-607-8965 or email globalespr@gmail.com.

Cordially;

Mr. Angel O. Ortega, J/S
Environmental Consultant
President

Mr. Angel M. Rivera
Asbestos Inspector ASB-0921-0457-SI



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX I

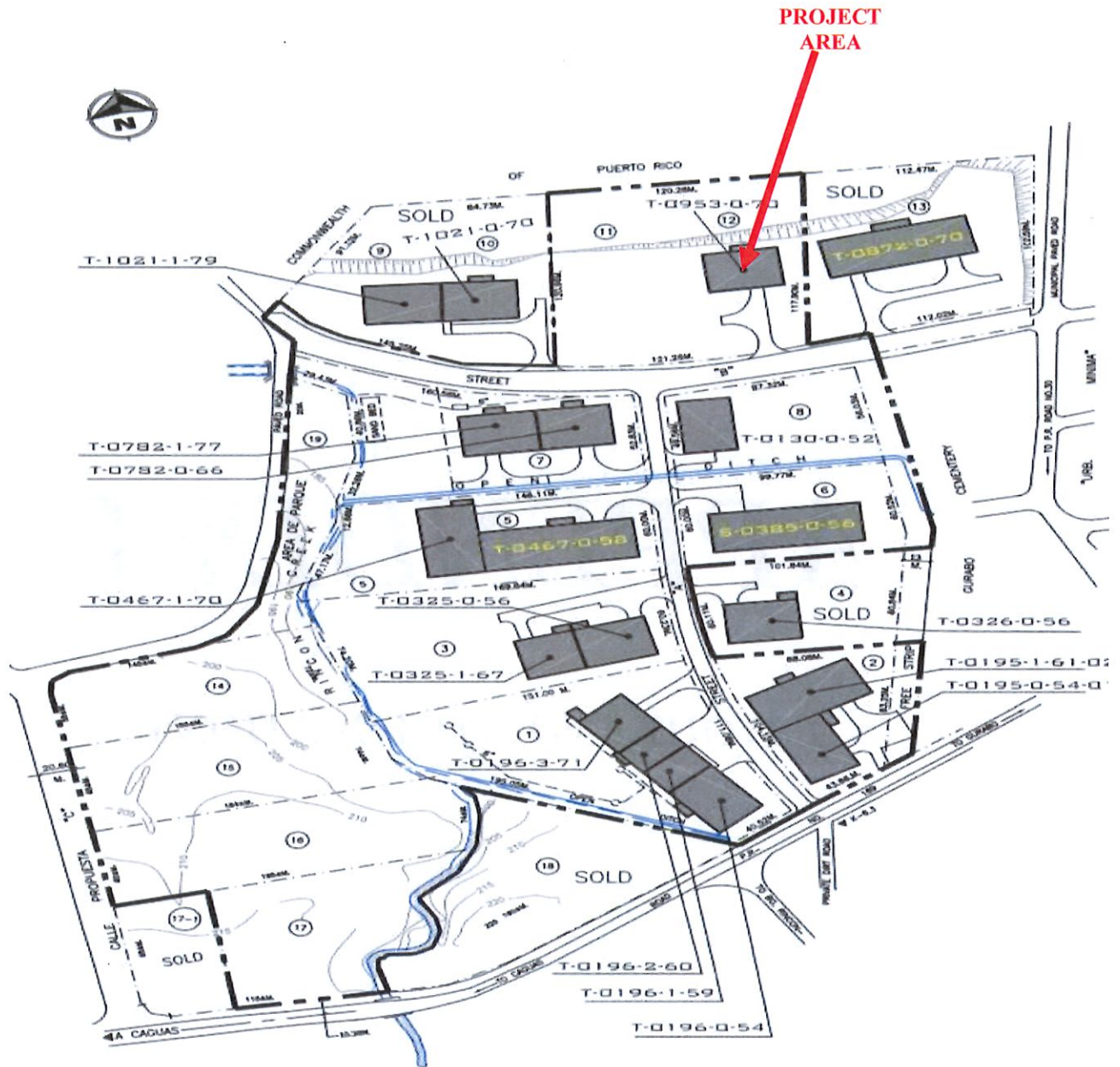
LAYOUT AND SITE LOCATIONS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

SITE AREA



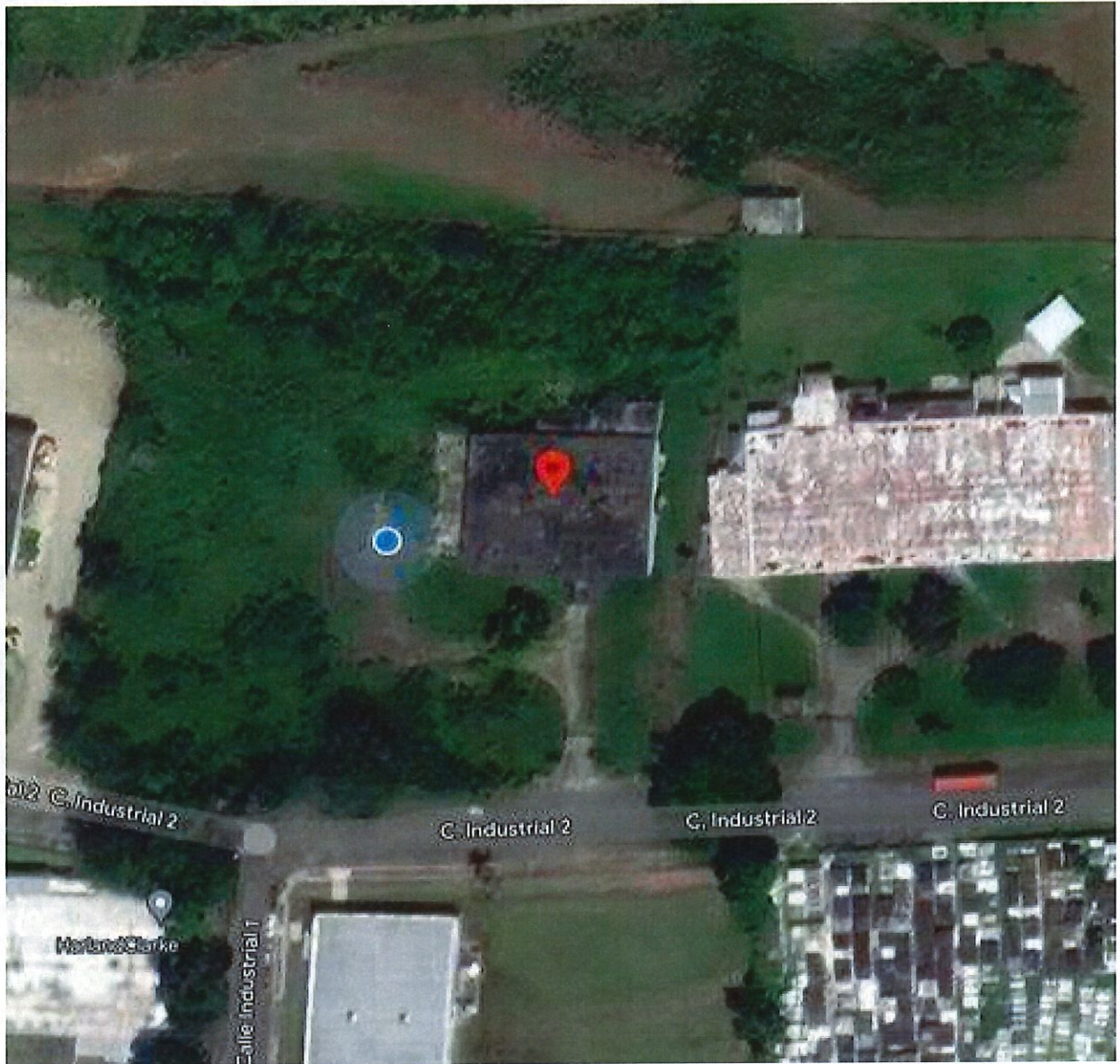


GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

SITE AREA



COORDINATES TO GET TO THE PROJECT:

18.2529300, -65.9830170



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
BRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

SITE AREA



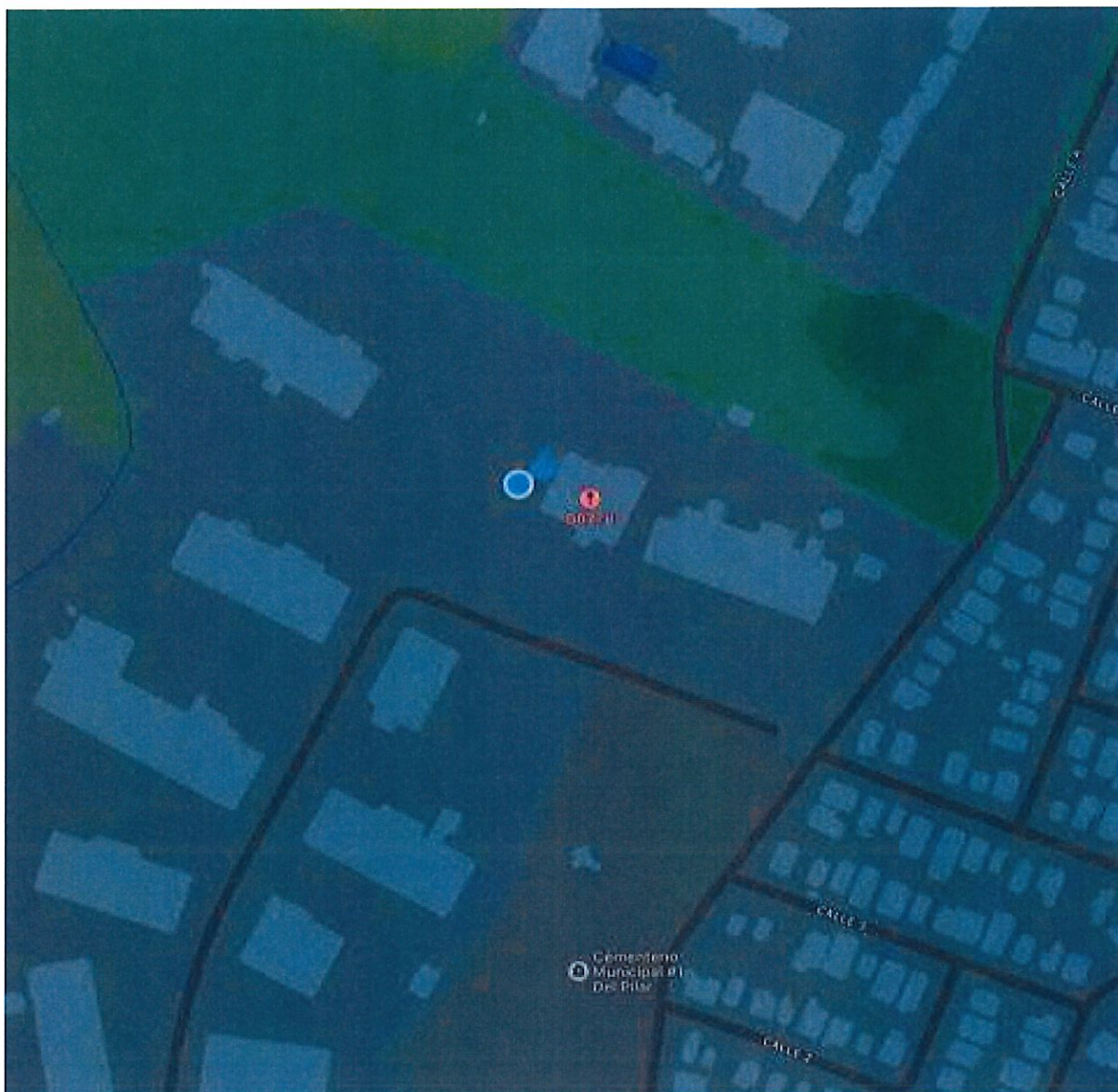


GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

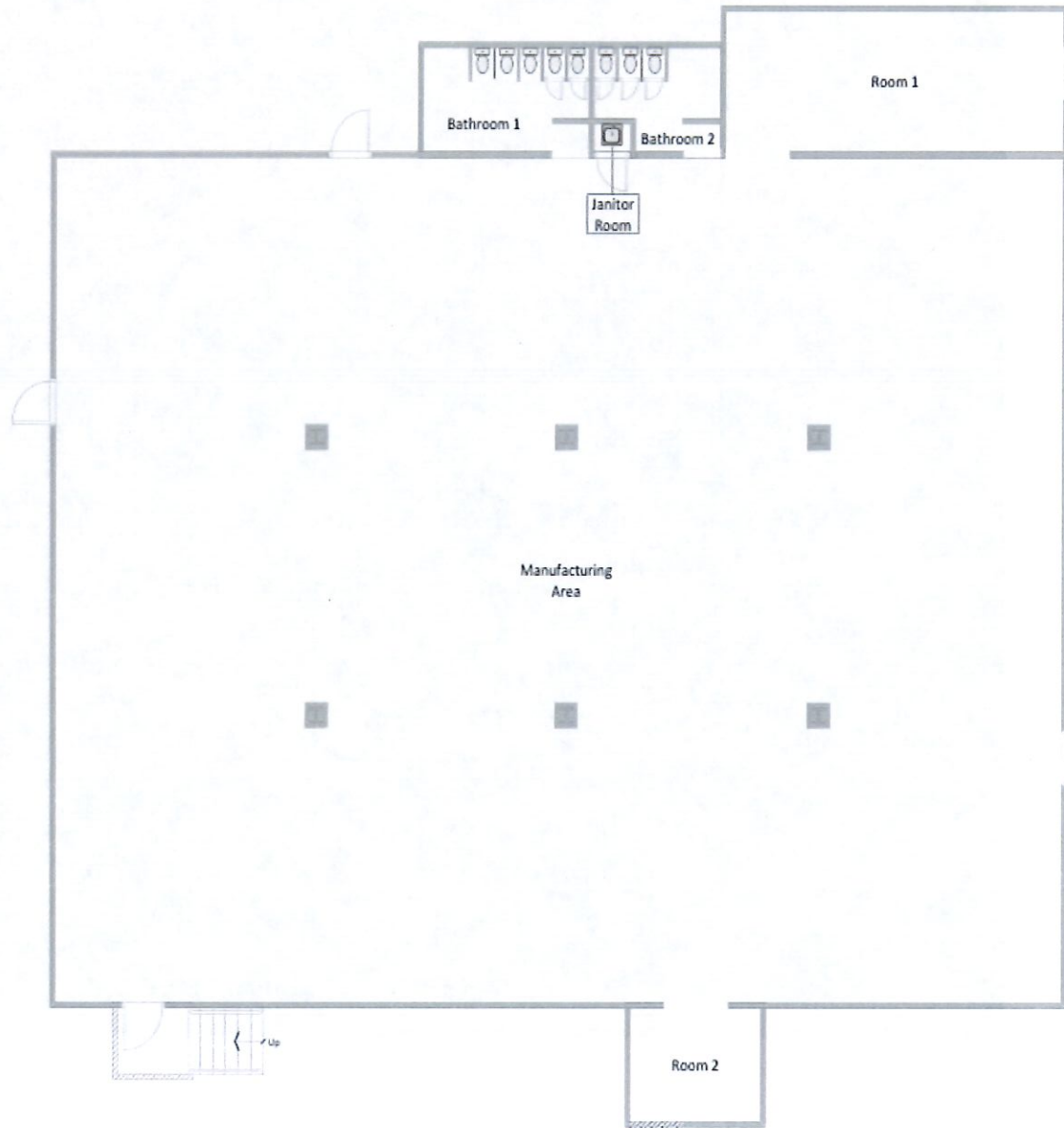
SITE AREA





GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EMAIL: globalespr@gmail.com](mailto:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965
LAYOUT AND FUNCTIONAL SPACES



NOT TO SCALE



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX II

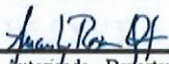
CERTIFICATIONS GRANTED BY THE
ENVIRONMENTAL QUALITY BOARD/DNER
OF PUERTO RICO



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

ASBESTOS INSPECTOR CERTIFICATION

	TARJETA DE REGISTRO LA REMOCION PARA DE ASBESTO Esta tarjeta autoriza a:
	<u>Angel M. Rivera Jr</u> Inspector
	A trabajar en la remoción de asbesto en Puerto Rico. Esta persona NO es un empleado del DRNA.
	 Firma Autorizada - Departamento Recursos Naturales y Ambientales
ASB-0921-0457-SI Número de Registro	
6-Aug-2022 Fecha de vencimiento	



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

APPENDIX III

ASBESTOS SAMPLE INSPECTION FORM PHYSICAL & HAZARD ASSESSMENT



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

BRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

GES- 2022-067	Asbestos Sample Inspection	Project: Building T-0953-0-70-00 in Gurabo, PR	Client: PRIDCO	Asbestos Inspector: Mr. Angel M. Rivera	Date: May 2, 2022	Page 14/33	
Sample ID	Sample Description	Material Category	Asbestos Contents %	Friability			AHERA Assessment Category (1-7, X, None)
ET-0953-0-70G-AR-01	Bathroom #2- Wall Panel	Misc.	15% Chrysotile	NF			X
ET-0953-0-70G-AR-02	Rooftop _Roofing Material	Misc.	NO DETECTED	NF			X
ET-0953-0-70G-AR-03	Rooftop _Roofing Material	Misc.	3% Chrysotile	NF			X
ET-0953-0-70G-AR-04	Rooftop _Roofing Material (Flashing)	Misc.	NO DETECTED	NF			X
ET-0953-0-70G-AR-05	Rooftop _Roofing Material	Misc.	NO DETECTED	NF			X
ET-0953-0-70G-AR-06	Rooftop _Roofing Material	Misc.	NO DETECTED	NF			X

Material Category:

SM= Surfacing Materials

Misc.= Miscellaneous Materials

Friability:

F=Friable

NF= Non Friable



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

APPENDIX IV

*PHOTOS OF THE BULKS SAMPLES MADE IN
THE BUILDING*



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) **PHONES:** 787-994-2203/ 787-607-8965



SAMPLE-ET-0953-0-70G-AR-01



SAMPLE-ET-0953-0-70G-AR-02



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) **PHONES:** 787-994-2203/ 787-607-8965



SAMPLE-ET-0953-0-70G-AR-03



SAMPLE-ET-0953-0-70G-AR-04



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 **EM@IL:** globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965



SAMPLE-ET-0953-0-70G-AR-05



SAMPLE-ET-0953-0-70G-AR-06



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX V

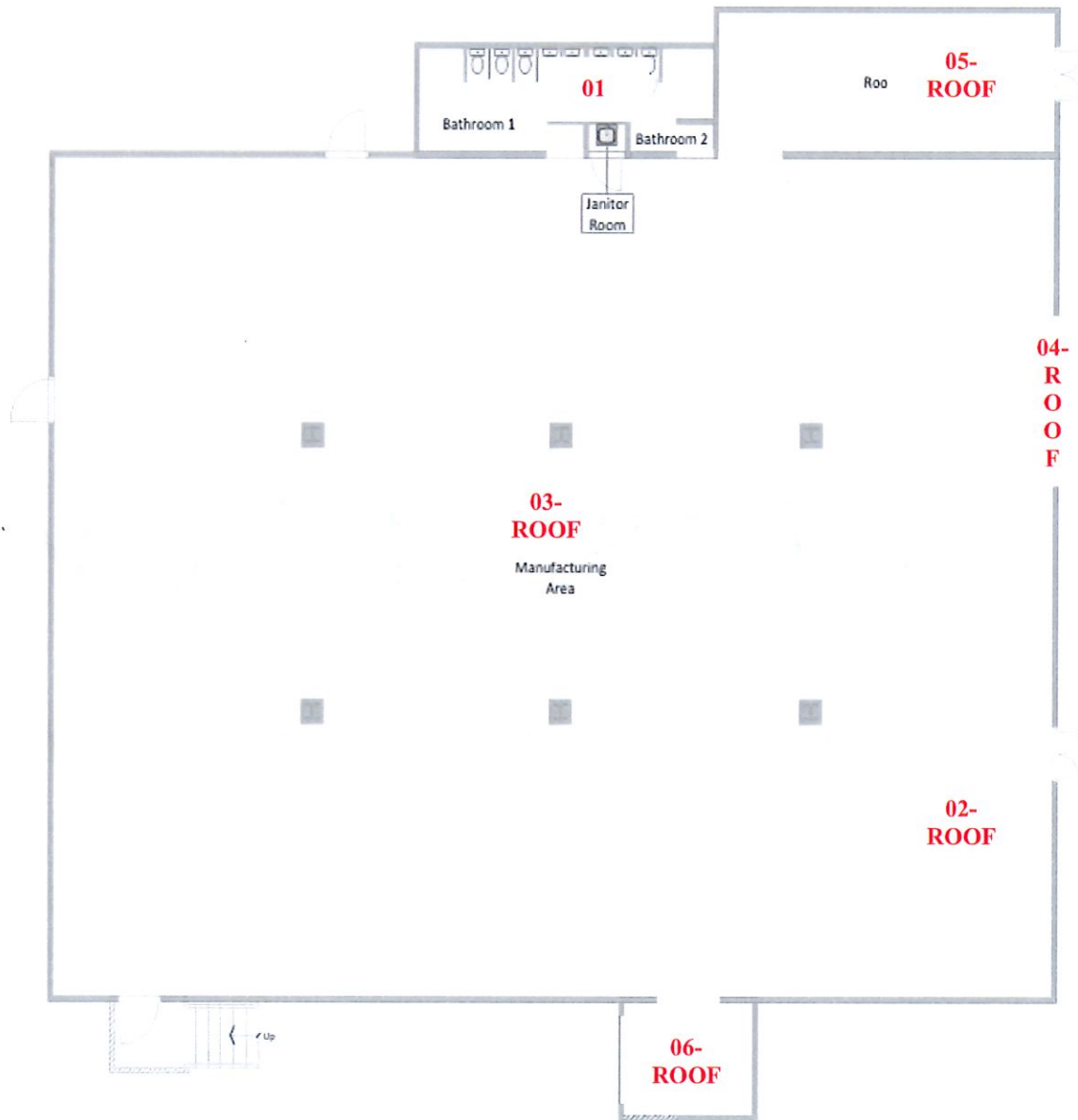
LOCATIONS OF BULKS SAMPLES TAKEN



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

ACM BULKS SAMPLES LOCATIONS



NOT TO SCALE

Page 20/33



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

APPENDIX VI

CHAIN OF CUSTODY & ANALYTICAL RESULTS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 **EM@IL:** globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/ Environmental Consultants Services/Industrial Hygiene/ Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956- **EM@IL:** globalespr@gmail.com **PHONE:** 787-607-8965

Client: Global Environmental Services LLC
Address: RRS Box 1995 PMB 313 Bayamón, PR 00956
Contact: Mr. Angel O. Ortega, III
Phone/Email: 787-607-8965/globalespr@gmail.com

Project Number: 2022-067
Project Name: Edificio T-0953-C-70
Site Location: Curaboe PR
Samplers Name: Mr. Angel M. Rivera
Certified Company: Global Environmental Services LLC

CHAIN OF CUSTODY RECORD/ BULK SAMPLES ANALYSIS

Sample ID	Sample Description	Collected Date	Collected Time	Analysis Required PLM	Analysis Required Other	Comments	Lab. ID
ET-0953-0706 AA-01	Wall Panel, Exterior, Bathroom #2, wall A. Bldg. # T-0953-C-70	May-02-2022	10:10	X		B22050006	.01
ET-0953-0706 AA-02	Roofing Material, Superficial Area, Rooftop #3, Bldg. # T-0953-C-70	May-02-2022	10:30	X			.02
ET-0953-0706 AA-03	Roofing Material, Superficial Area, Rooftop #3, Bldg. # T-0953-C-70	May-02-2022	10:40	X			.03
ET-0953-0706 AA-04	Roofing Material, Roofing Perimeter Area, Rooftop #3, Bldg. # T-0953-C-70	May-02-2022	10:45	X			.04
ET-0953-0706 AA-05	Roofing Material, superficial Area, Rooftop #2, Bldg. # T-0953-C-70	May-02-2022	11:00	X			.05
ET-0953-0706 AA-06	Roofing Material, superficial Area, Rooftop #1, Bldg. # T-0953-C-70	May-02-2022	11:15	X			.06

TURNAROUND TIME: _____ NORMAL ☒ RUSH

Relinquished by: Angel M. Rivera

Date/Time: May-02-2022

Received by: [Signature]

Lab. Name: [Signature]

Date/Time: 5/2/22 13:27

*Job ID: B22050006



Global Environmental Services LLC



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

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

PH. (787) 722-0220 Fax (787) 724-5788

Job ID: B22050006



REPORT NUMBER

RP22050319

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Global Environmental Services LLC	Date Collected:	05/02/2022
Project Name:	Edificio T-0953-0-70	Date Received:	05/02/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
B22050006.01 B22050006.01.A ET-0953-0-70G AR-01 Layer % of Total :100%	Hard, Aggregates with Paint and Fibers Gray	Yes	Chrysotile 15		Sand/Aggregates 60 Binders/Paint 25
Date Analyzed: 05/03/2022 Sample Location: Wall Panel, Interior, Bathroom #2, Wall A, Bldg. # T-0953-0-70 Comments: Paint Included as Binders					
B22050006.02 B22050006.02.A ET-0953-0-70G AR-02 Layer % of Total :100%	Hard, Bituminous with Aggregates Other - and Fibers Black	No		Glass Fibers 10 Synthetic 8	Bitumen 72 Sand/Aggregates 10
Date Analyzed: 05/03/2022 Sample Location: Roofing Material, Superficial Area, Rooftop #3, Bldg. # T-0953-0-70 Comments:					
B22050006.03 B22050006.03.A ET-0953-0-70G AR-03 Layer % of Total :100%	Hard, Bituminous with Fibers Black	Yes	Chrysotile 3	Glass Fibers 2	Bitumen 95
Date Analyzed: 05/03/2022 Sample Location: Roofing Material, Superficial Area, Rooftop #3, Bldg. # T-0953-0-70 Comments:					
B22050006.04 B22050006.04.A ET-0953-0-70G AR-04 Layer % of Total :100%	Hard, Bituminous with Fibers and Expanded Glass Black	No		Glass Fibers 5	Expanded Glass 10 Bitumen 85

MICROANALYST:


(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.



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965



ANALYTICAL ENVIRONMENTAL SERVICES INTERNATIONAL, INC.

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

PH. (787) 722-0220 Fax (787) 724-5788

Job ID: B22050006



REPORT NUMBER



RP22050319

POLARIZED LIGHT MICROSCOPY (PLM) BULK SAMPLE ANALYSIS REPORT

Client Name:	Global Environmental Services LLC	Date Collected:	05/02/2022
Project Name:	Edificio T-0953-0-70	Date Received:	05/02/2022
Project ID:			

RESULT OF ANALYSIS (BY % AREA VISUAL ESTIMATE)

Lab Sample ID	Sample Description	Asbestos Detected	Asbestos Fibers	Other Fibers	Non - Fibrous Material
---------------	--------------------	-------------------	-----------------	--------------	------------------------

Date Analyzed: 05/03/2022

Sample Location: Roofing Material, Flashing Perimeter Area, Rooftop #3, Bldg. # T-0953-0-70

Comments:

B22050006.05	Hard, Bituminous with	No		Cellulose 5	Bitumen 74
B22050006.05.A	Aggregates, Paint			Glass Fibers 6	Sand/Aggregates 15
ET-0953-0-70G AR-05	Other - and Fibers				
Layer % of Total :100%	Black				

Date Analyzed: 05/03/2022

Sample Location: Roofing Material, Superficial Area, Rooftop #2, Bldg. # T-0953-0-70

Comments:

B22050006.06	Hard, Bituminous with	No		Glass Fibers 5	Bitumen 75
B22050006.06.A	Aggregates			Synthetic 5	Sand/Aggregates 15
ET-0953-0-70G AR-06	Other - and Fibers				
Layer % of Total :100%	Black				

Date Analyzed: 05/03/2022

Sample Location: Roofing Material, Superficial Area, Rooftop #1, Bldg. # T-0953-0-70

Comments:

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]

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.



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX VII

TABLE SUMMARY OF MATERIALS WITH ASBESTOS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

TABLE SUMMARY OF MATERIALS WITH ASBESTOS

MATERIAL	FUNCTIONAL SPACE	% WITH ASBESTOS	QUANTITY
Wall Panel	Bathroom #1 & Bathroom 2	15% Chrysotile	120 sq.ft. approx.
Roofing Material	Roof area	3% Chrysotile	14,880 sq.ft. approx.



Wall Panel with Asbestos



Roofing Materials with Asbestos





GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX VIII

AREAS WHERE THE POSITIVE MATERIALS
ARE FOUND WITH ASBESTOS

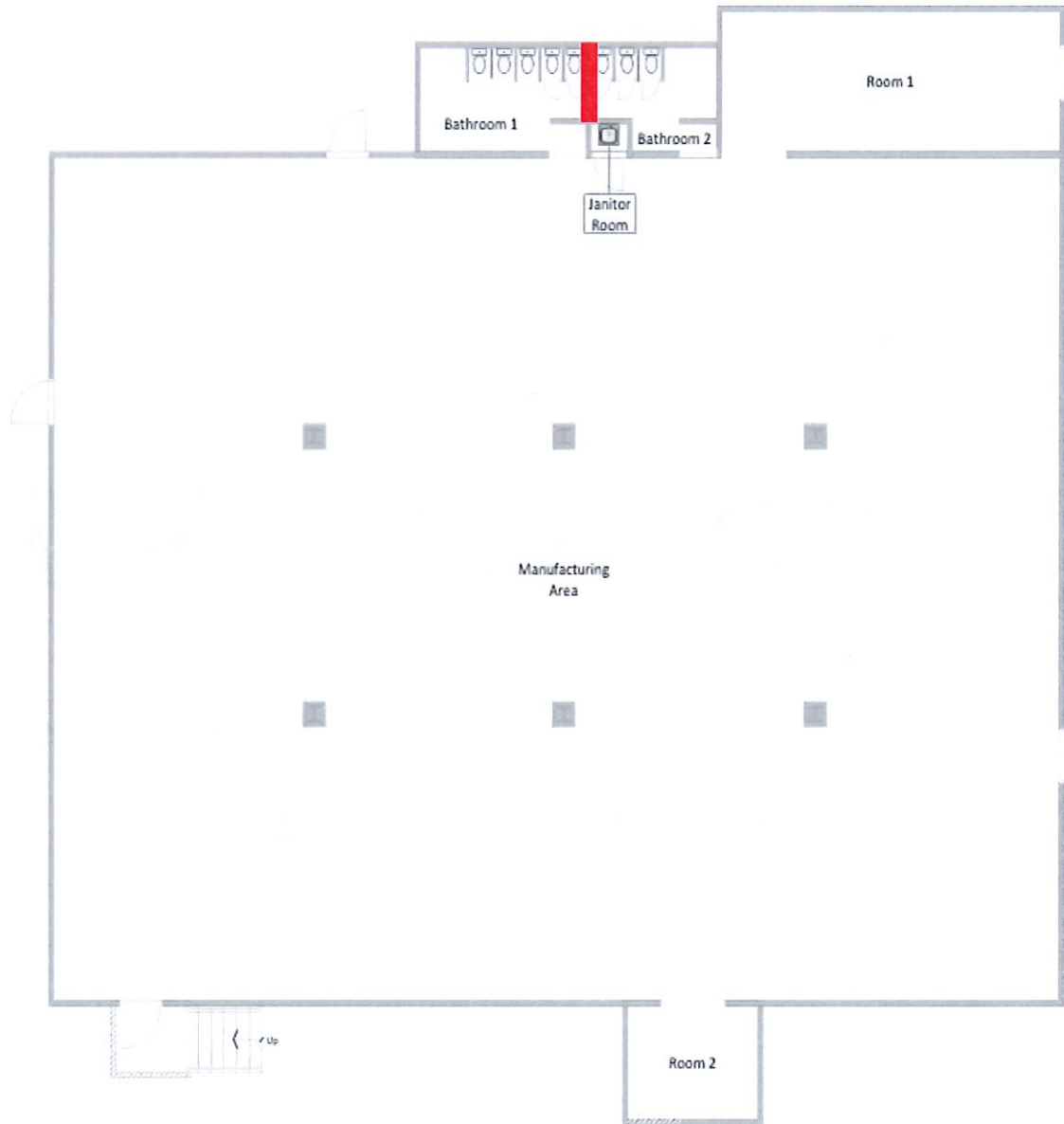


GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

ACM POSITIVE RESULTS LOCATIONS



NOT TO SCALE

 = **WALL PANEL WITH ASBESTOS**

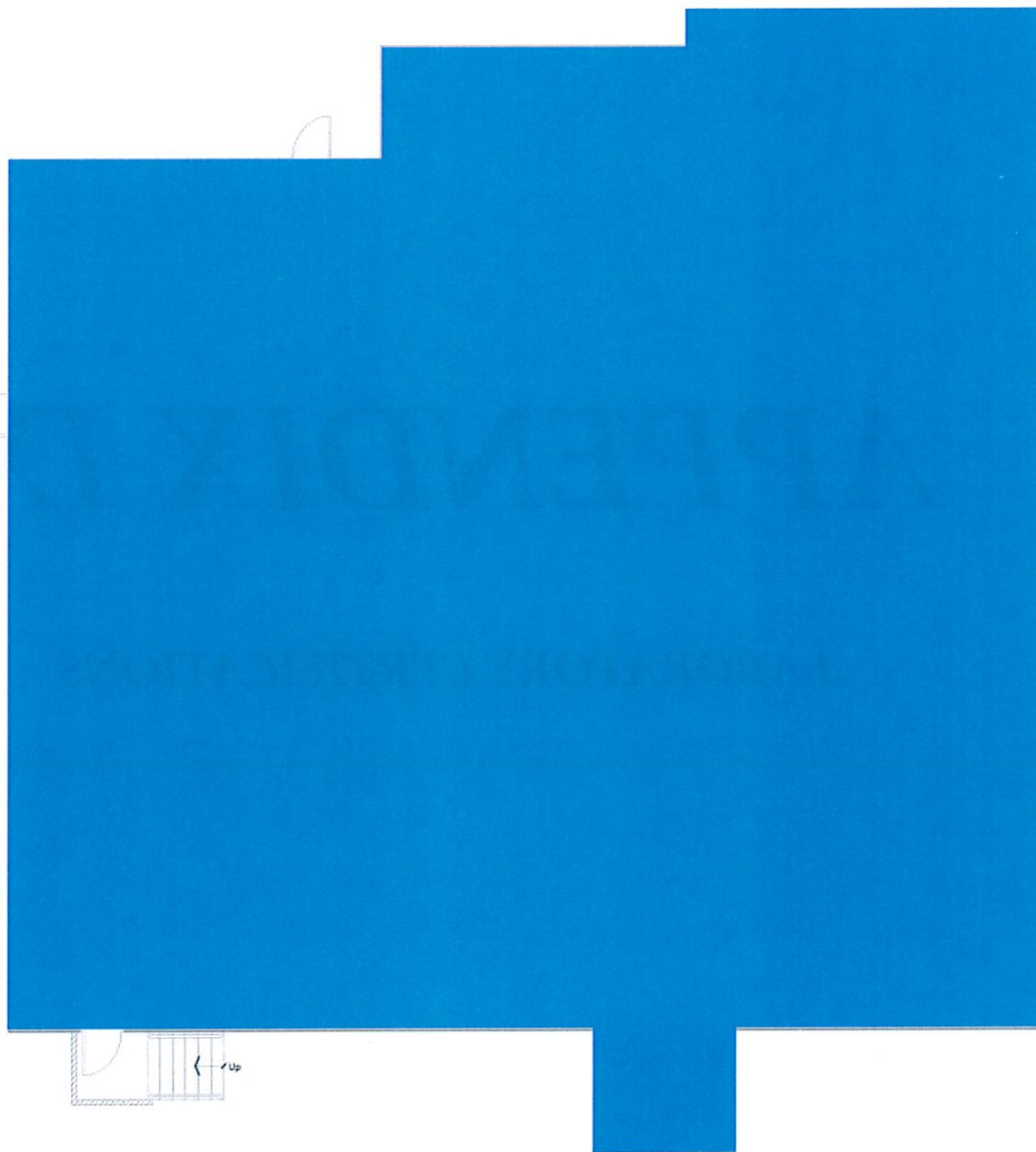


GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) PHONES: 787-994-2203/ 787-607-8965

ACM POSITIVE RESULTS LOCATIONS- ROOF AREA



NOT TO SCALE



= ROOFING MATERIALS WITH ASBESTOS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 [EMAIL: globalespr@gmail.com](mailto:globalespr@gmail.com) **PHONES: 787-994-2203/ 787-607-8965**

APPENDIX IX

LABORATORY CERTIFICATIONS



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

National Voluntary
Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

AES International

611 Monserrate

Santurce, PR 00907

Mr. Ady Padan

Phone: 787-722-0220 Fax: 787-724-5788

Email: yotal@bellsouth.net

<http://www.aesipr.org>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200051-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

Effective 2022-01-01 through 2022-12-31

Page 1 of 1



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality
RRS BOX 1995 PMB 313 BAYAMON, PR 00956 EM@IL: globalespr@gmail.com PHONES: 787-994-2203/ 787-607-8965

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200051-0

AES International

Santurce, PR

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2022-01-01 through 2022-12-31

Effective Dates



For the National Voluntary Laboratory Accreditation Program



GLOBAL ENVIRONMENTAL SERVICES LLC

Asbestos & Lead Based Paint Survey/Environmental Consultants Services/Industrial Hygiene/Indoor Air Quality

RR8 BOX 1995 PMB 313 BAYAMON, PR 00956 [EM@IL: globalespr@gmail.com](mailto:EM@IL:globalespr@gmail.com) **PHONES:** 787-994-2203/ 787-607-8965

APPENDIX X

CONCLUSION

Global Environmental Services LLC recommends the owner or representative of the owner to hire a Certified Company by Department of Natural and Environmental Resources of Puerto Rico to removal and dispose positive area with Asbestos Containing Material if is going to touch, remodeling or demolish the reference building.

