GOVERNMENT OF PUERTO RICO
PORTS AUTHORITY

TRANSMITTAL LETTER

COPY

DATE: **May 3, 2023**

TO: **Mr. Kristian Busto**
Comisión de Practicaje de Puerto Rico
compracticaje@prtc.net
Tel: 787-723-1982 / Fax: 787-273-2179

COMISIÓN PRACTICAJE PR
2023 MAY -3 PM 3:08

FROM: **Romel Pedraza Claudio, P.E.**
Assistant Executive Director (AED)
for Planning, Engineering, Construction,
Federal Funds and Environmental Affairs
Puerto Rico Ports Authority

RPC

SUBJECT **DELIVERY OF DOCK DRAFT CERTIFICATION**

These are transmitted as checked below:

☐ Urgent	☐ For review	☐ For review and comment
☐ As requested	☒ For your use	☐ For approval & execution
☐ Resubmit copies for approval	☐ Submit copies for distribution	☐ Approved as noted
☐ Returned for corrections	☐ Return corrected prints	☐ Other:

REMARKS:

Received by: DRL Date: 3 May 2023

Print Name: Diana E Rivera

/isd

GOVERNMENT OF PUERTO RICO
PORTS AUTHORITY

DOCK DRAFT CERTIFICATION

GOVERNMENT OF PUERTO RICO
PORTS AUTHORITY

DOCK DRAFT CERTIFICATION

In accordance to Law 170, 08-12-1988 and Regulation No. 7214 "Reglas de Tránsito en los Puertos de Puerto Rico de 2006), Resolución Núm. 2006-002", the docking depth of the terminals operated by the Puerto Rico Ports Authority (PRPA) are herby certified.

The data was provided by Javier E. Bidot Associates, PSC. bathymetry survey conducted between December 21, 2022 to January 10, 2023.

CROWLEY BERTH		
	Feet	**Meter**
Water Depth Alongside Dock	36.05	10.99
Required Water Depth	36	10.97
CROWLEY RAMP		
	Feet	**Meter**
Water Depth Alongside Dock	13.35	4.07
Required Water Depth	36	10.97
ISLA GRANDE C (CONCRETE)		
	Feet	**Meter**
Water Depth Alongside Dock	28.00	8.53
Required Water Depth		
ISLA GRANDE R (RAMP)		
	Feet	**Meter**
Water Depth Alongside Dock	12.39	3.78
Required Water Depth		
PAN-AMERICAN CRUISE SHIP DOCK - EAST		
	Feet	**Meter**
Water Depth Alongside Dock	33.67	10.26
Required Water Depth	36 + 2	10.97 + 0.61

64 Lindbergh St., Miramar, San Juan, PR 00907 I PO Box 362829, San Juan PR 00936-2829

787-729-8715 prpa.pr.gov

PAN-AMERICAN CRUISE SHIP DOCK - WEST		
	Feet	**Meter**
Water Depth Alongside Dock	34.39	10.48
Required Water Depth	36 + 2	10.97 + 0.61
PIER 3 - EAST		
	Feet	**Meter**
Water Depth Alongside Dock	30.78	9.38
Required Water Depth	36 + 2	10.97 + 0.61
PIER 3 – WEST		
	Feet	**Meter**
Water Depth Alongside Dock	31.02	9.45
Required Water Depth	36 + 2	10.97 + 0.61
PIER 4 - EAST		
	Feet	**Meter**
Water Depth Alongside Dock	31.21	9.51
Required Water Depth	36 + 2	10.97 + 0.61
PIER 4 - WEST		
	Feet	**Meter**
Water Depth Alongside Dock	32.54	9.92
Required Water Depth	36 + 2	10.97 + 0.61
PIER 9 - EAST		
	Feet	**Meter**
Water Depth Alongside Dock	20.99	6.40
Required Water Depth		
PIER 9 - SOUTH		
	Feet	**Meter**
Water Depth Alongside Dock	28.70	8.75
Required Water Depth		
PIER 9 - WEST		
	Feet	**Meter**
Water Depth Alongside Dock	17.55	5.35
Required Water Depth		
PIER 10 - SOUTH		
	Feet	**Meter**
Water Depth Alongside Dock	21.09	6.43
Required Water Depth	36	10.97

PIER 10 - WEST		
	Feet	**Meter**
Water Depth Alongside Dock	19.95	6.08
Required Water Depth		
PIER 14 – EXTENSION		
	Feet	**Meter**
Water Depth Alongside Dock	32.57	9.93
Required Water Depth	36 + 2	10.97 + 0.61
PIER 15 (OUTFITTING PIER EAST)		
	Feet	**Meter**
Water Depth Alongside Dock	21.45	6.54
Required Water Depth	30 + 2	9.14 + 0.61
PIER 15 (OUTFITTING PIER WEST)		
	Feet	**Meter**
Water Depth Alongside Dock	17.13	5.22
Required Water Depth	30 + 2	9.14 + 0.61
PIER 15 (TENDER PIER EAST)		
	Feet	**Meter**
Water Depth Alongside Dock	18.56	5.66
Required Water Depth	30 + 2	9.14 + 0.61
PIER 16		
	Feet	**Meter**
Water Depth Alongside Dock	19.77	6.03
Required Water Depth	30 + 2	9.14 + 0.61
PUERTO NUEVO DOCK C		
	Feet	**Meter**
Water Depth Alongside Dock	-27.39	8.35
Required Water Depth	33 + 2	10.06 + 0.61
PUERTO NUEVO DOCK D		
	Feet	**Meter**
Water Depth Alongside Dock	25.80	7.86
Required Water Depth	33 + 2	10.06 + 0.61
PUERTO NUEVO DOCK E		
	Feet	**Meter**
Water Depth Alongside Dock	33.17	10.11

Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK F		
	Feet	**Meter**
Water Depth Alongside Dock	34.47	10.51
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK G		
	Feet	**Meter**
Water Depth Alongside Dock	33.59	10.24
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK H		
	Feet	**Meter**
Water Depth Alongside Dock	35.62	10.86
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK J		
	Feet	**Meter**
Water Depth Alongside Dock	36.16	11.02
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK K		
	Feet	**Meter**
Water Depth Alongside Dock	33.96	10.35
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK L		
	Feet	**Meter**
Water Depth Alongside Dock	35.85	10.93
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK M		
	Feet	**Meter**
Water Depth Alongside Dock	36.50	11.13
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK N		
	Feet	**Meter**
Water Depth Alongside Dock	36.57	11.15
Required Water Depth	39 + 2	11.89 + 0.61
PUERTO NUEVO DOCK O		
	Feet	**Meter**

Water Depth Alongside Dock	33.88	10.33
Required Water Depth	39 + 2	11.89 + 0.61

- Depths were measured and referred to Mean Lower Low Water (MLLW)

Given in San Juan, Puerto Rico, today May 3, 2023.

Romel Pedraza Claudio,P.E.
Assitant Executive Director for
Planning, Engineering and Construction

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Hydrographic Survey Certification For Crowley Berth

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Crowley Berth

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Crowley Berth

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -36.05 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 59.4802" N	66° 06' 00.9005" W

	Feet	Meters
Water Depth Alongside Dock	36.05	10.99
Required Water Depth	36	10.97

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215

CERTIFIED ELEVATION
ELEV.-36.05
CROWLEY BERTH
155.00
ELEVATION LEGEND
-19
-20
-21
-22
-23
-24
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-43
-44

Hydrographic Survey Certification For Crowley Ramp

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Crowley Ramp

Date: May 2, 2023.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Crowley Ramp

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Crowley Ramp on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -13.35 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 05.9255″ N	66° 06′ 08.1625″ W

	Feet	Meters
Water Depth Alongside Dock	13.35	4.07
Required Water Depth	36	10.97

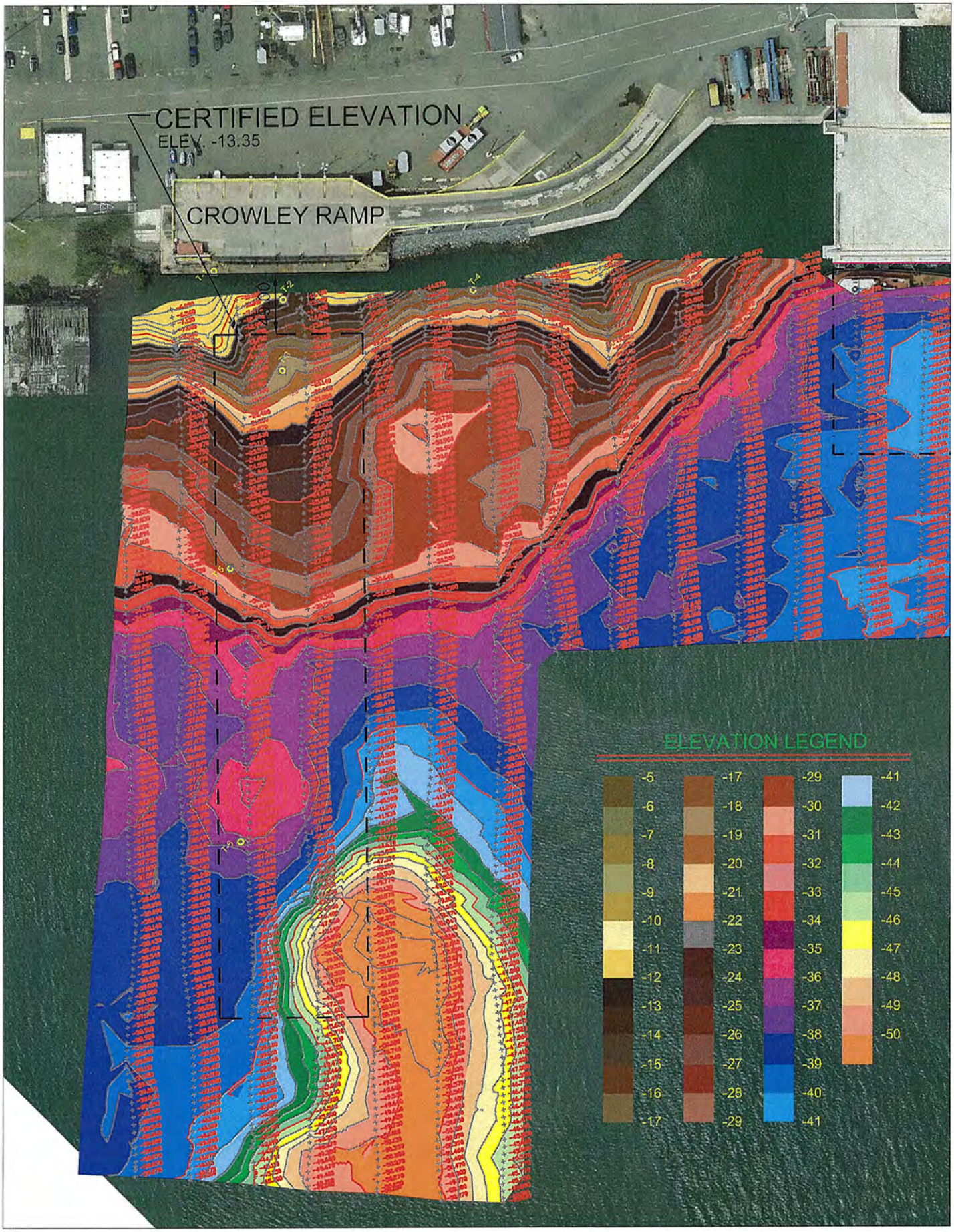
Certified correct on the city of Caguas, Puerto Rico May 2, 2023.

JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: May 2, 2023.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV. -13.35
CROWLEY RAMP
ELEVATION LEGEND
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Hydrographic Survey Certification For Isla Grande C (Concrete)

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Isla Grande C (Concrete)

Date: May 2, 2023.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Isla Grande C (Concrete)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Isla Grande C (concrete) on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -28.00 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 33.7208" N	66° 06' 07.0971" W

	Feet	Meters
Water Depth Alongside Dock	28.00	8.53
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico May 2, 2023.

JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: May 2, 2023.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215

ELEVATION LEGEND
-6
-7
-8
-9
-10
-11
-12
-13
-14
-14
-15
-16
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-33
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-41
-42
ISLA GRANDE - C
CERTIFIED
ELEVATION
ELEV. -28.00
ISLA GRANDE - R

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Isla Grande C (Concrete)

Date: January 10, 2023.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Isla Grande C (Concrete)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -24.47 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 34.5079" N	66° 06' 09.5892" W

	Feet	Meters
Water Depth Alongside Dock	24.47	7.46
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico January 10, 2023.

JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: January 10, 2023.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215

Hydrographic Survey Certification For Isla Grande R (Ramp)

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Isla Grande R (Ramp)

Date: January 10, 2023.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Isla Grande R (Ramp)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -12.39 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 33.3904" N	66° 06' 05.0964" W

	Feet	Meters
Water Depth Alongside Dock	12.39	3.78
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico January 10, 2023.

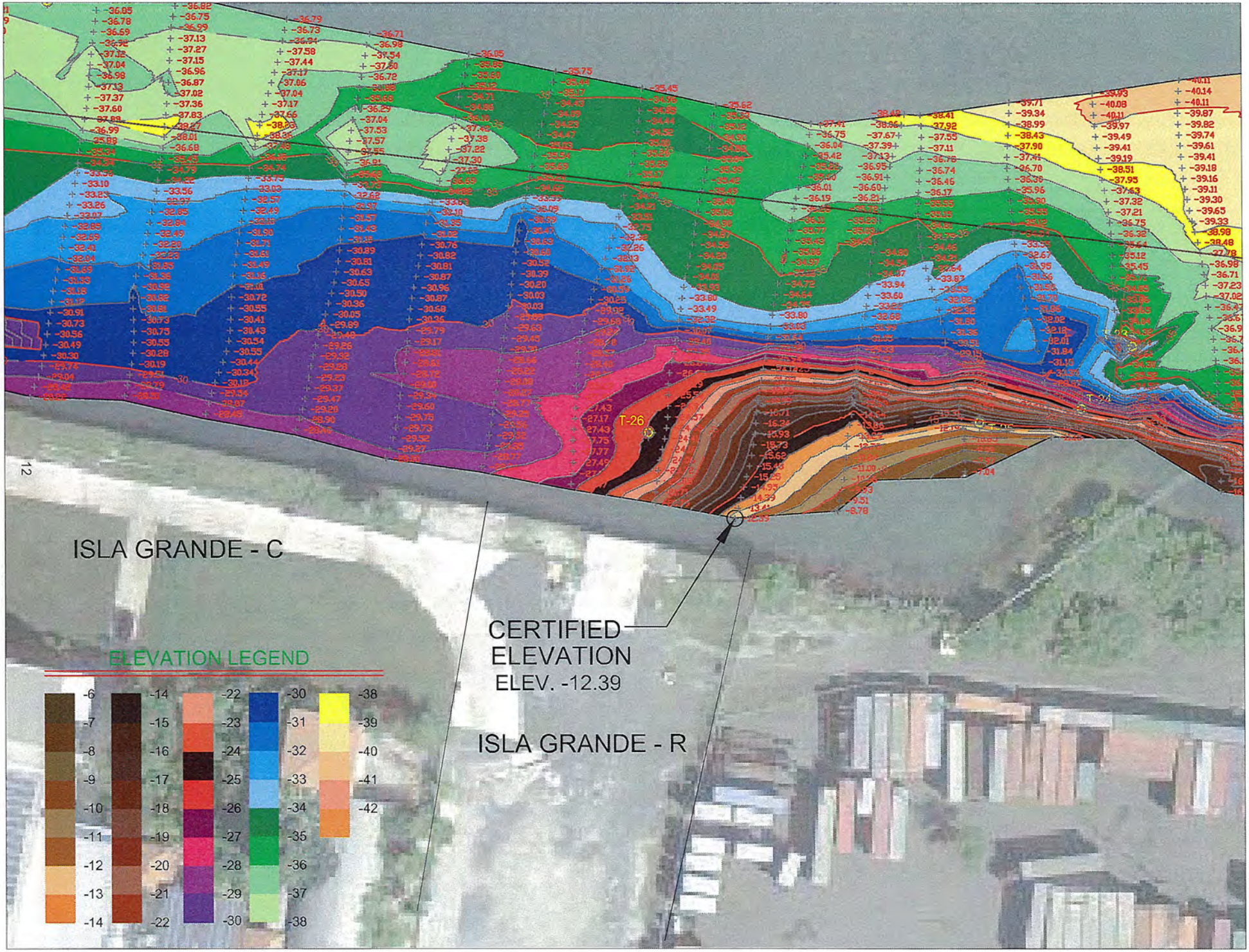
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: January 10, 2023

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


T-26
ISLA GRANDE - C
CERTIFIED
ELEVATION
ELEV. -12.39
ISLA GRANDE - R
ELEVATION LEGEND
-6 -7 -8 -9 -10 -11 -12 -13 -14
-14 -15 -16 -17 -18 -19 -20 -21 -22
-22 -23 -24 -25 -26 -27 -28 -29 -30
-30 -31 -32 -33 -34 -35 -36 -37 -38
-38 -39 -40 -41 -42

Hydrographic Survey Certification For Pan-American Cruise Ship Dock - East

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pan-American Cruise Ship Dock - East

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pan-American Cruise Ship Dock - East

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.67 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 32.3753" N	66° 05' 46.8517" W

	Feet	Meters
Water Depth Alongside Dock	33.67	10.26
Required Water Depth	36 + 2	10.97 + 0.61

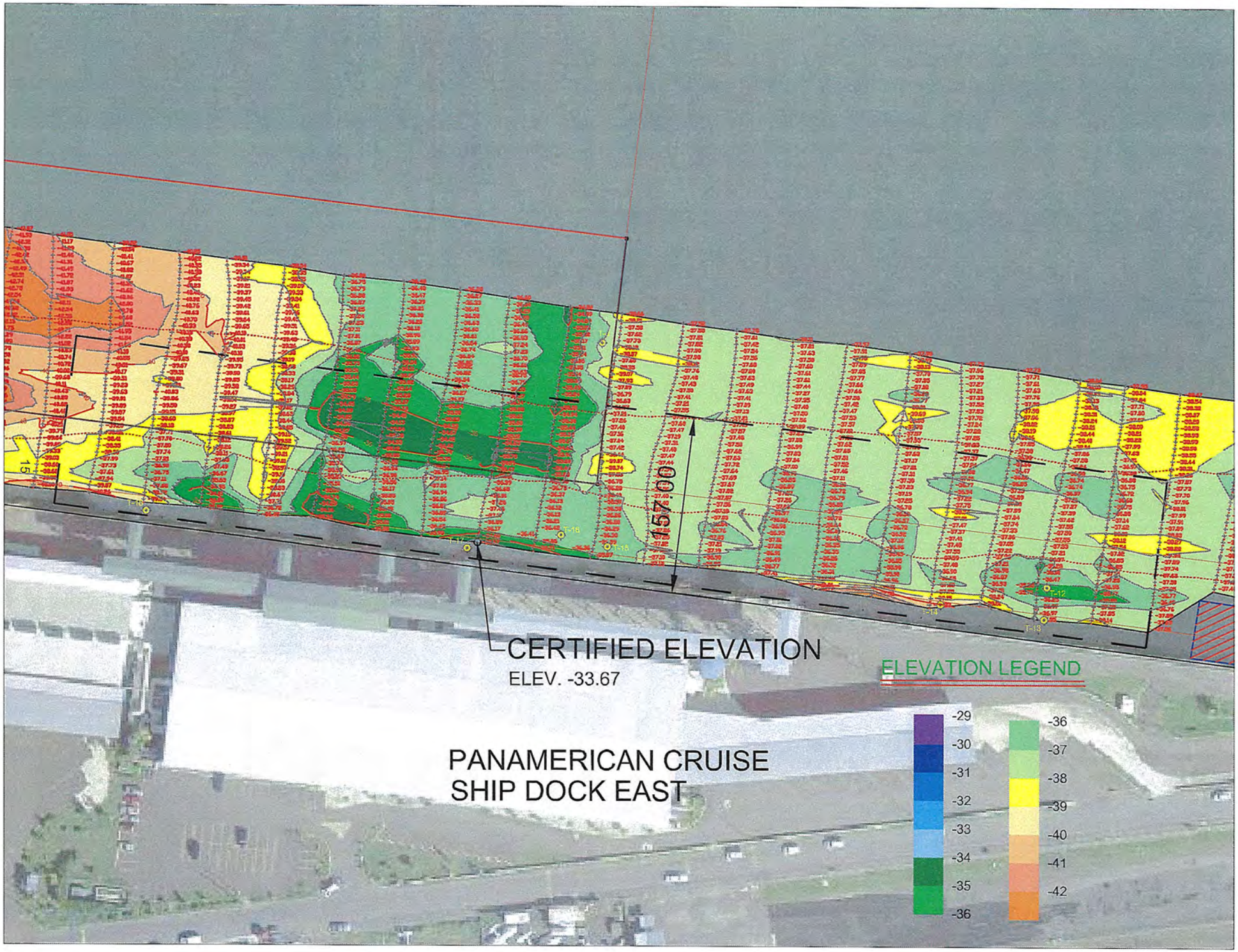
Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV. -33.67
157.00
PANAMERICAN CRUISE
SHIP DOCK EAST
ELEVATION LEGEND
-29
-30
-31
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-33
-34
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-40
-41
-42

Hydrographic Survey Certification For Pan-American Cruise Ship Dock - West

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pan-American Cruise Ship Dock - West

Date: January 10, 2023.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pan-American Cruise Ship Dock - West

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -34.39 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 33.6007" N	66° 05' 57.1479" W

	Feet	Meters
Water Depth Alongside Dock	34.39	10.48
Required Water Depth	36 + 2	10.97 + 0.61

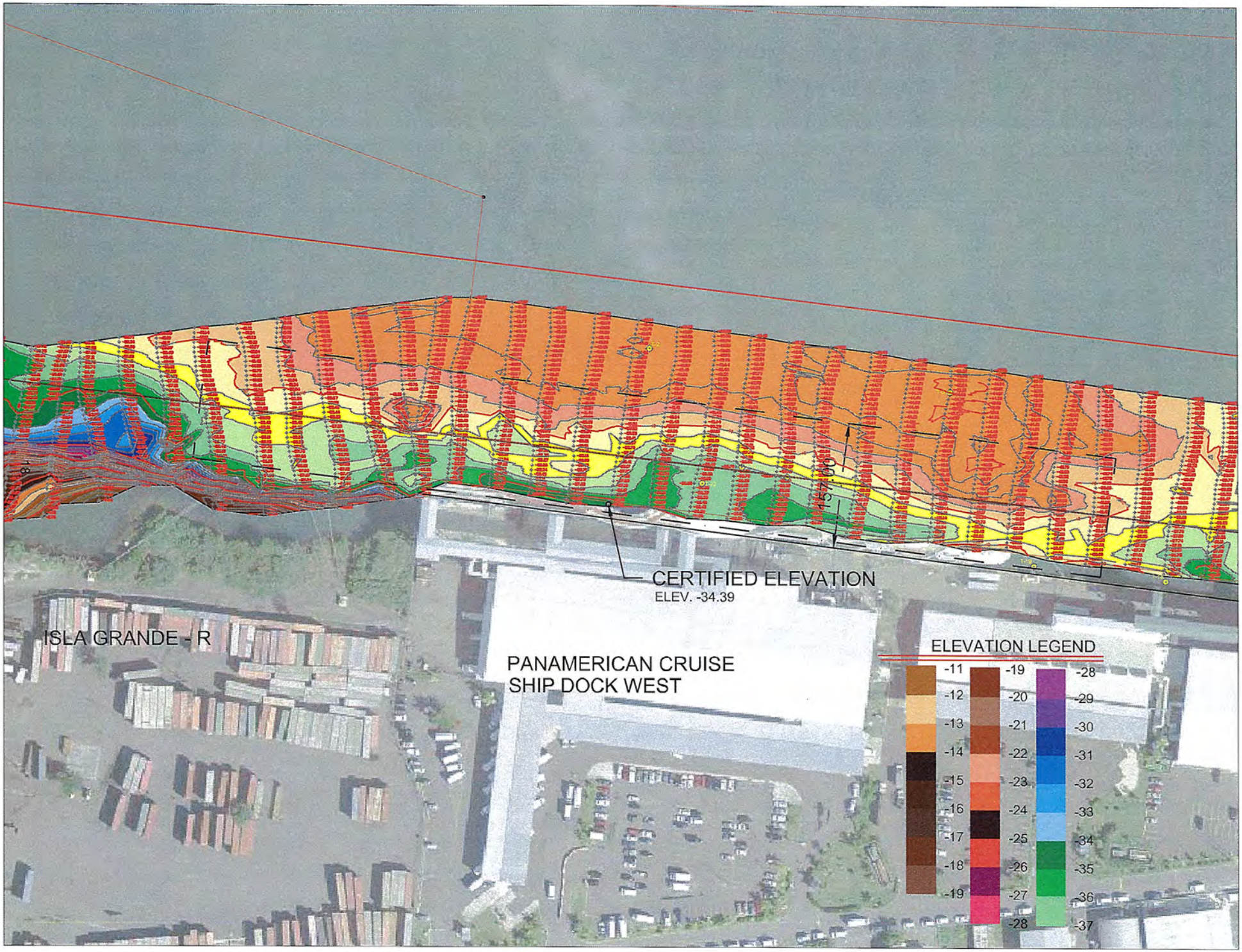
Certified correct on the city of Caguas, Puerto Rico January 10, 2023.

JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: January 10, 2023.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV. -34.39
157.00
ISLA GRANDE - R
PANAMERICAN CRUISE
SHIP DOCK WEST
ELEVATION LEGEND
-11
-12
-13
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-35
-36
-37

Hydrographic Survey Certification For Pier 3 - East

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 3 - East

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 3 - East

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -30.78 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 48.4284″ N	66° 06′ 41.5213″ W

	Feet	Meters
Water Depth Alongside Dock	30.78	9.38
Required Water Depth	36 + 2	10.97 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215

ELEVATION LEGEND
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PIER 3 EAST
CERTIFIED ELEVATION
ELEV. -30.78
100.00
156.00
PIER 3
PIER 4

Hydrographic Survey Certification For Pier 3 - West

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 3 - West

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 3 - West

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -31.02 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 48.2225″ N	66° 06′ 43.2421″ W

	Feet	Meters
Water Depth Alongside Dock	31.02	9.45
Required Water Depth	36 + 2	10.97 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215

ELEVATION LEGEND
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-16 -17 -18 -19 -20 -21
-21 -22 -23 -24 -25 -26
-26 -27 -28 -29 -30 -31
-31 -32 -33 -34 -35 -36
-36 -37 -38 -39 -40 -41
-41 -42 -44
PIER 2 WEST
CERTIFIED ELEVATION
ELEV. -31.02
156.00
PIER 3
PIER 4

Hydrographic Survey Certification For Pier 4 - East

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 4 - East

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 4 - East

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -31.21 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 48.0773″ N	66° 06′ 35.0007″ W

	Feet	Meters
Water Depth Alongside Dock	31.21	9.51
Required Water Depth	36 + 2	10.97 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

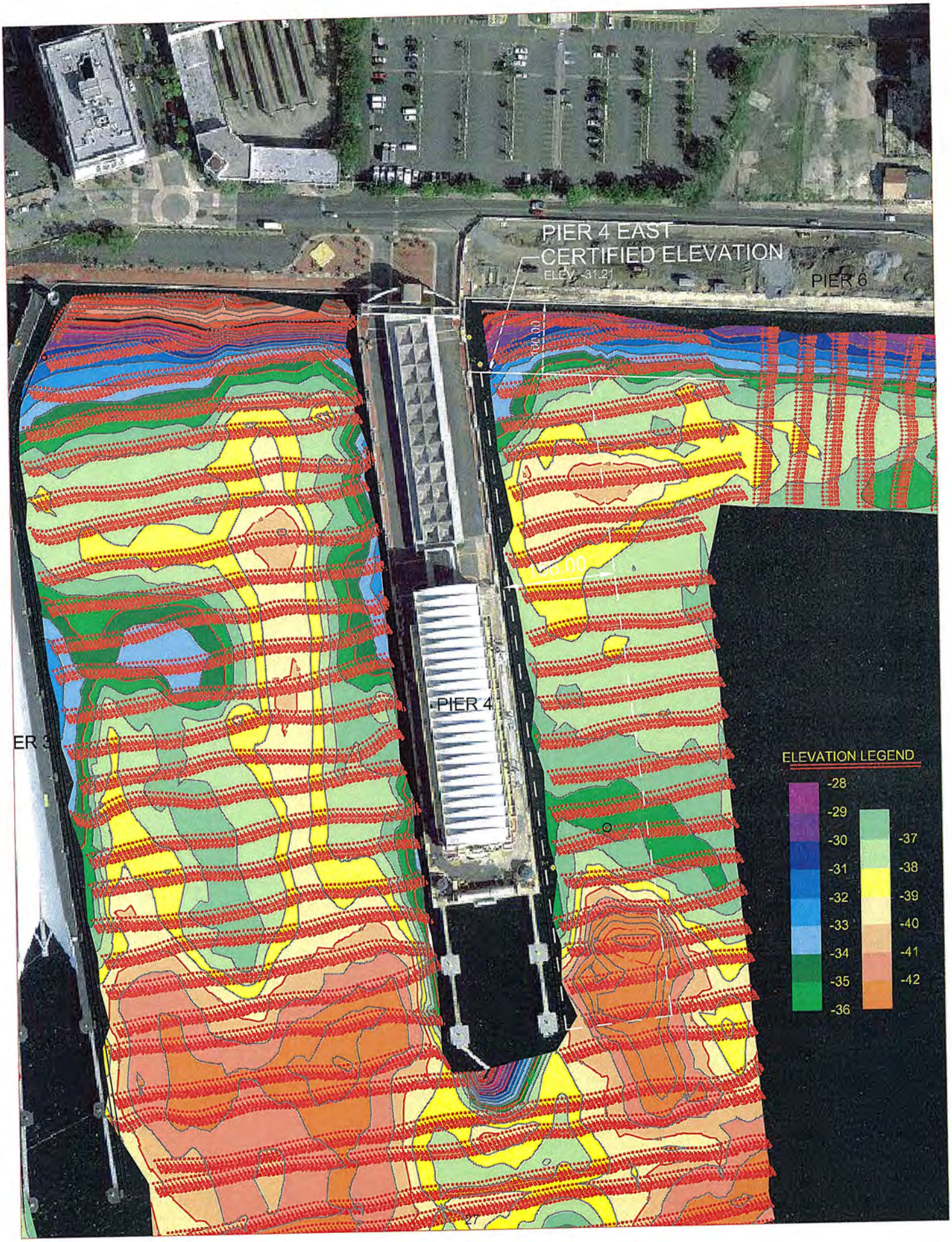
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


PIER 4 EAST
CERTIFIED ELEVATION
ELEV -31.21
PIER 6
PIER 4
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ELEVATION LEGEND
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Hydrographic Survey Certification For Pier 4 - West

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 4 - West

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 4 - West

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -32.54 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 45.0295″ N	66° 06′ 36.6418″ W

	Feet	Meters
Water Depth Alongside Dock	32.54	9.92
Required Water Depth	36 + 2	10.97 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

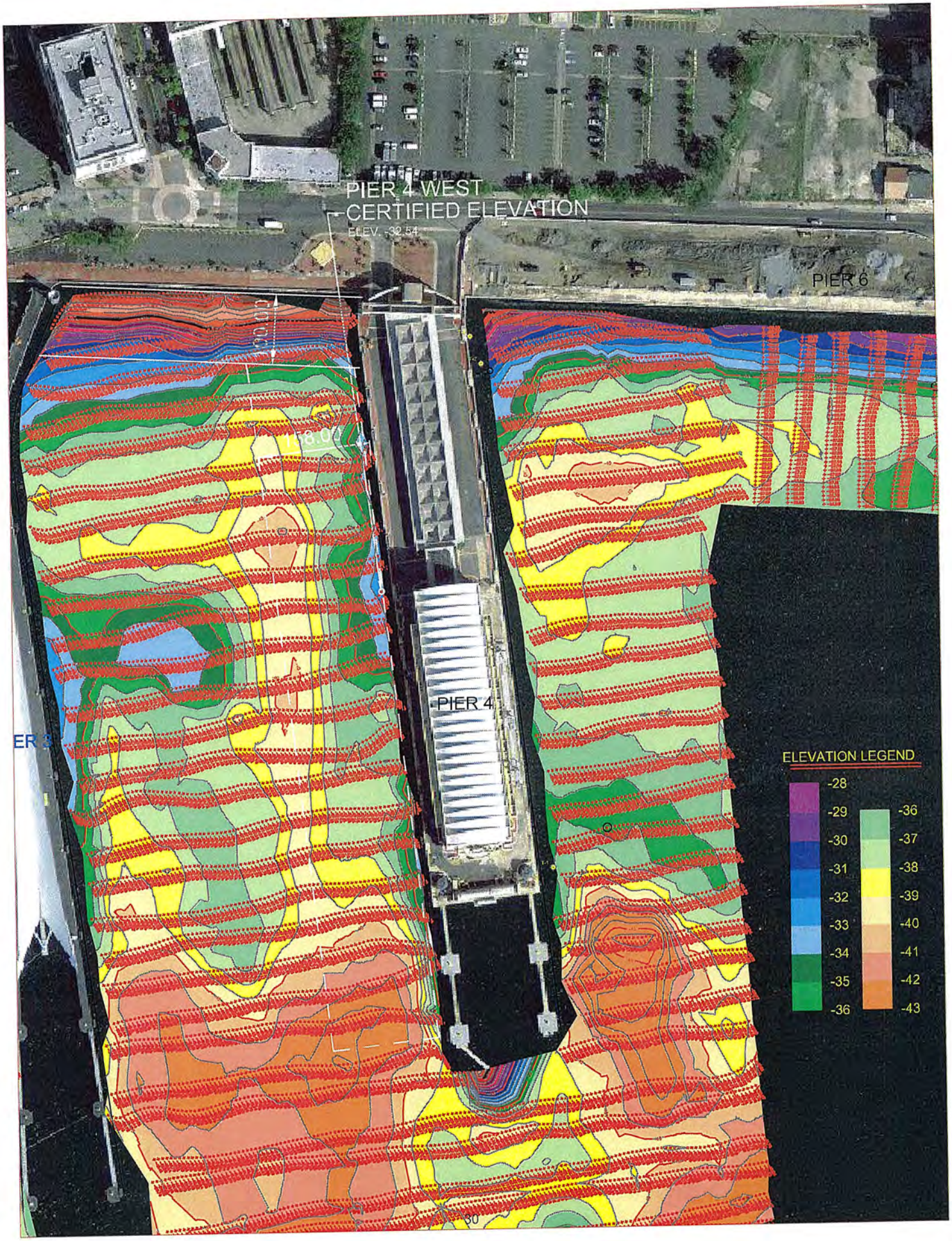
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


PIER 4 WEST
CERTIFIED ELEVATION
ELEV. -32.54
PIER 6
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ELEVATION LEGEND
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Hydrographic Survey Certification For Pier 9 - East

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 9 - East

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 9 - East

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -20.99 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 47.9825″ N	66° 06′ 10.8813″ W

	Feet	Meters
Water Depth Alongside Dock	20.99	6.40
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

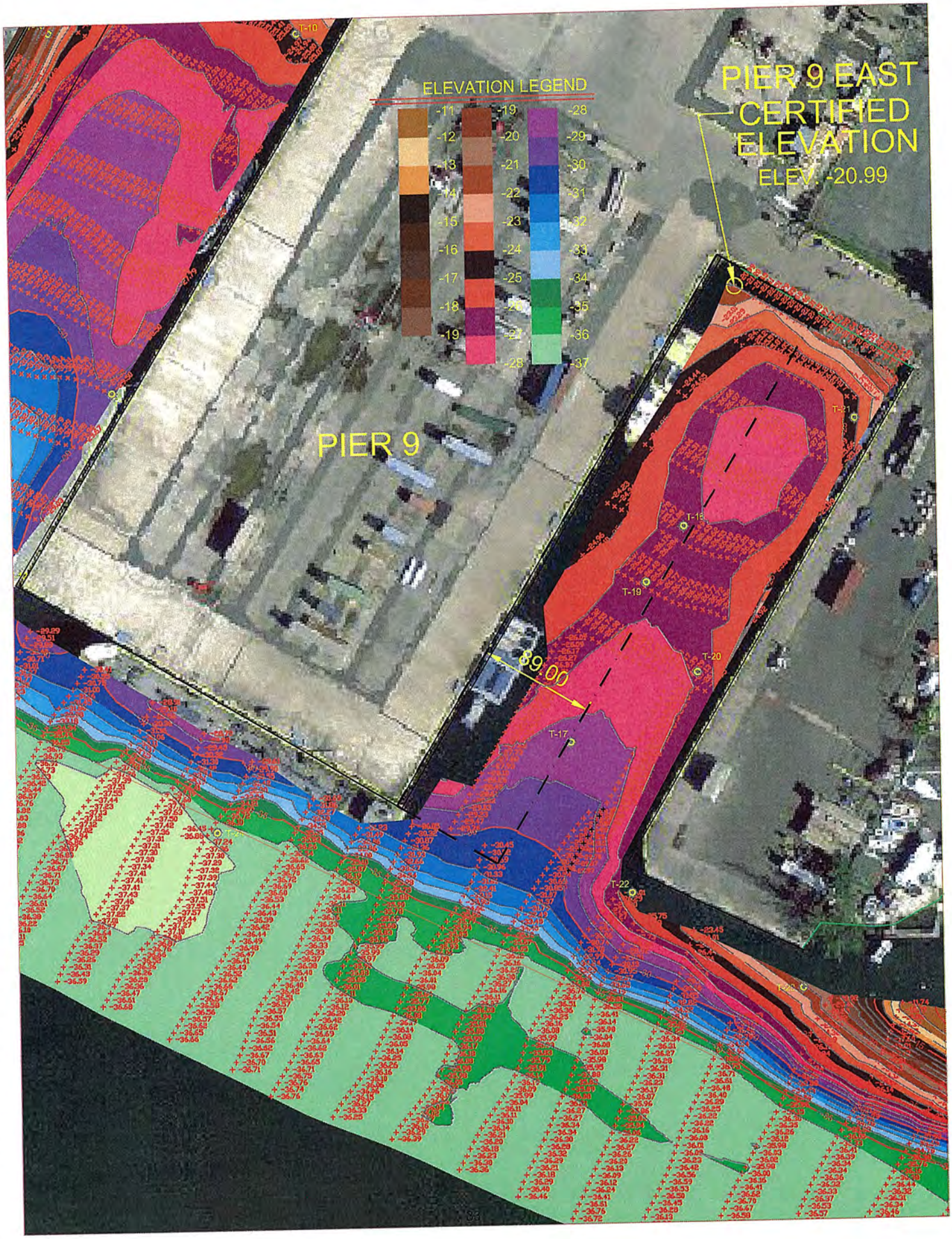
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


ELEVATION LEGEND
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PIER 9 EAST
CERTIFIED
ELEVATION
ELEV. -20.99
PIER 9
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Hydrographic Survey Certification For Pier 9 - South

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 9 - South

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 9 - South

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -28.70 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 44.6680″ N	66° 06′ 15.1785″ W

	Feet	Meters
Water Depth Alongside Dock	28.70	8.75
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

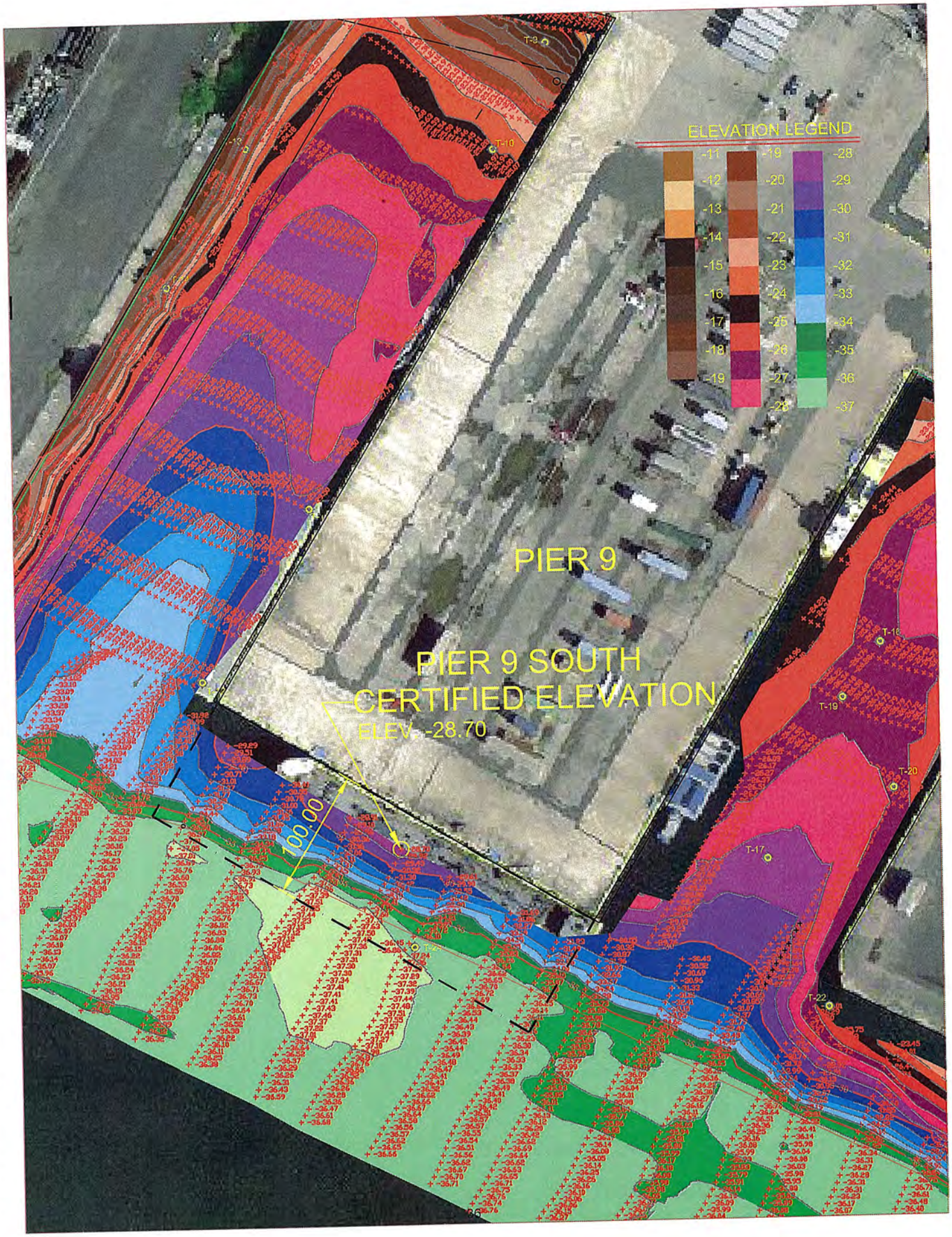
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215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PIER 9
PIER 9 SOUTH
CERTIFIED ELEVATION
ELEV. -28.70
100.00
T-9
T-10
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T-17
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Hydrographic Survey Certification For Pier 9 - West

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 9 - West

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 9 - West

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -17.55 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 50.5453" N	66° 06' 13.6996" W

	Feet	Meters
Water Depth Alongside Dock	17.55	5.35
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

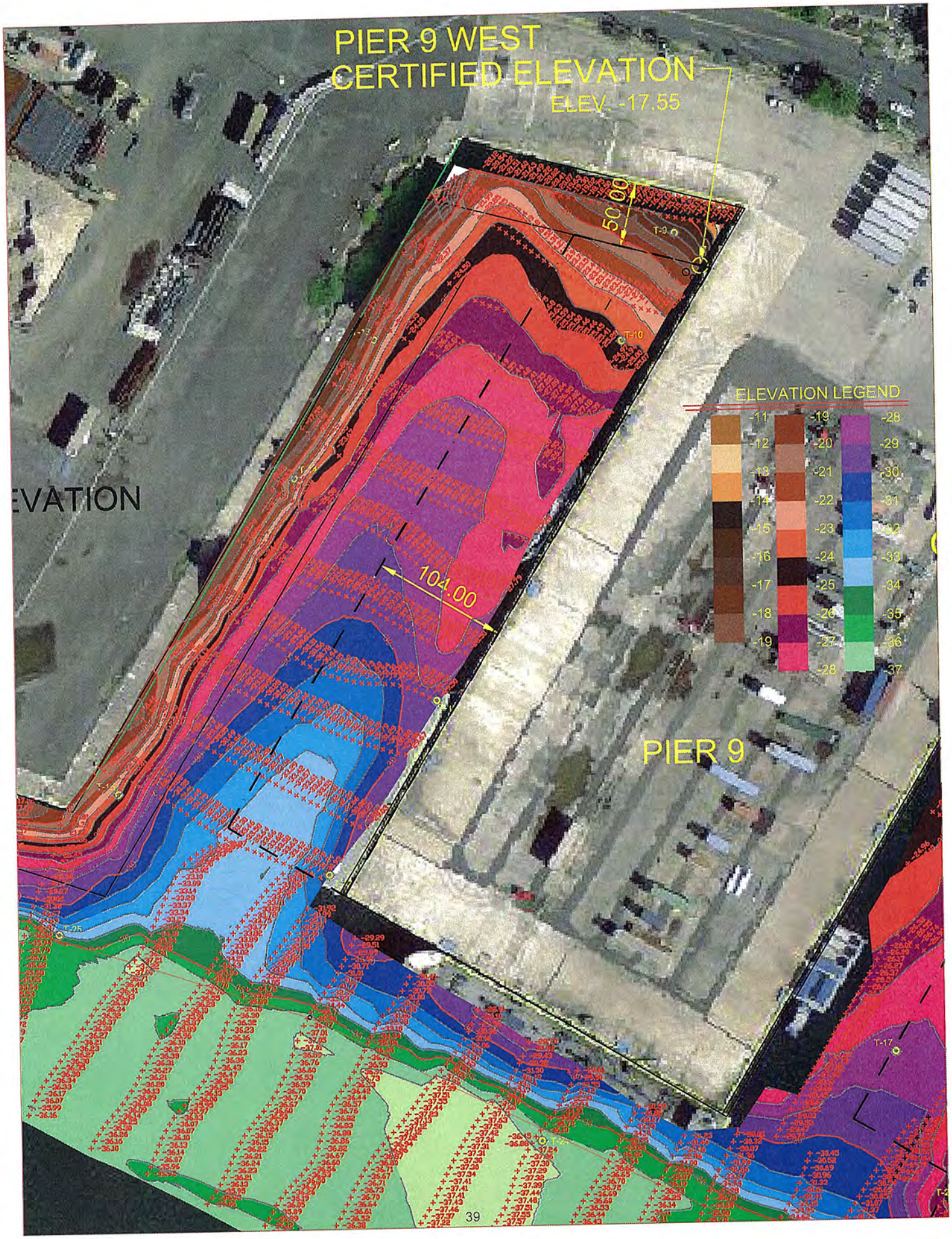
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


PIER 9 WEST
CERTIFIED ELEVATION
ELEV. -17.55
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PIER 9
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Hydrographic Survey Certification For Pier 10 - South

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 10 - South

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 10 - South

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -21.09 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 42.7254″ N	66° 06′ 10.5464″ W

	Feet	Meters
Water Depth Alongside Dock	21.09	6.43
Required Water Depth	36	10.97

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

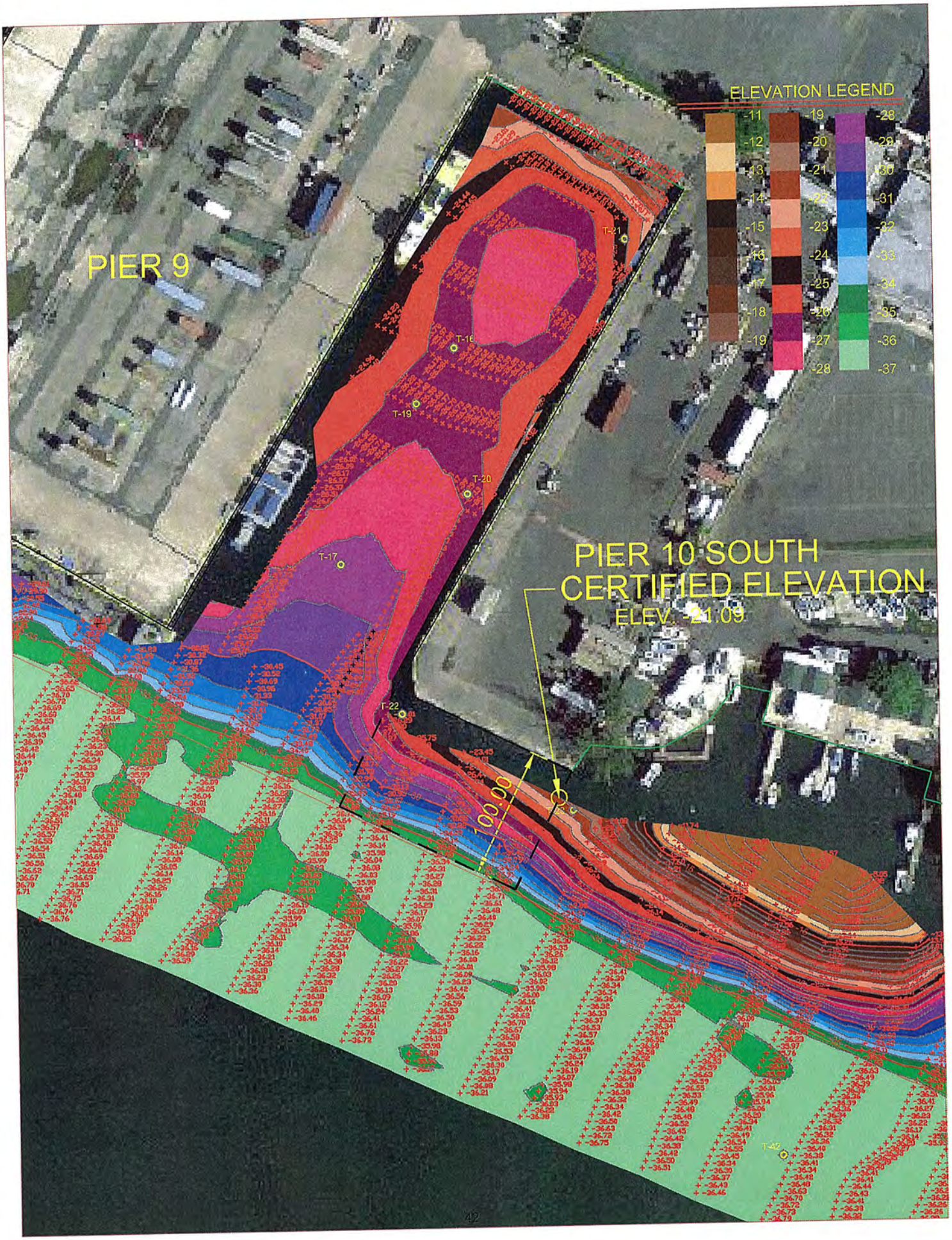
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


ELEVATION LEGEND
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PIER 9
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T-42
PIER 10 SOUTH
CERTIFIED ELEVATION
ELEV. -21.09
100.00

Hydrographic Survey Certification For Pier 10 - West

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 10 - West

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 10 - West

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -19.95 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27′ 47.3061″ N	66° 06′ 09.6359″ W

	Feet	Meters
Water Depth Alongside Dock	19.95	6.08
Required Water Depth		

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

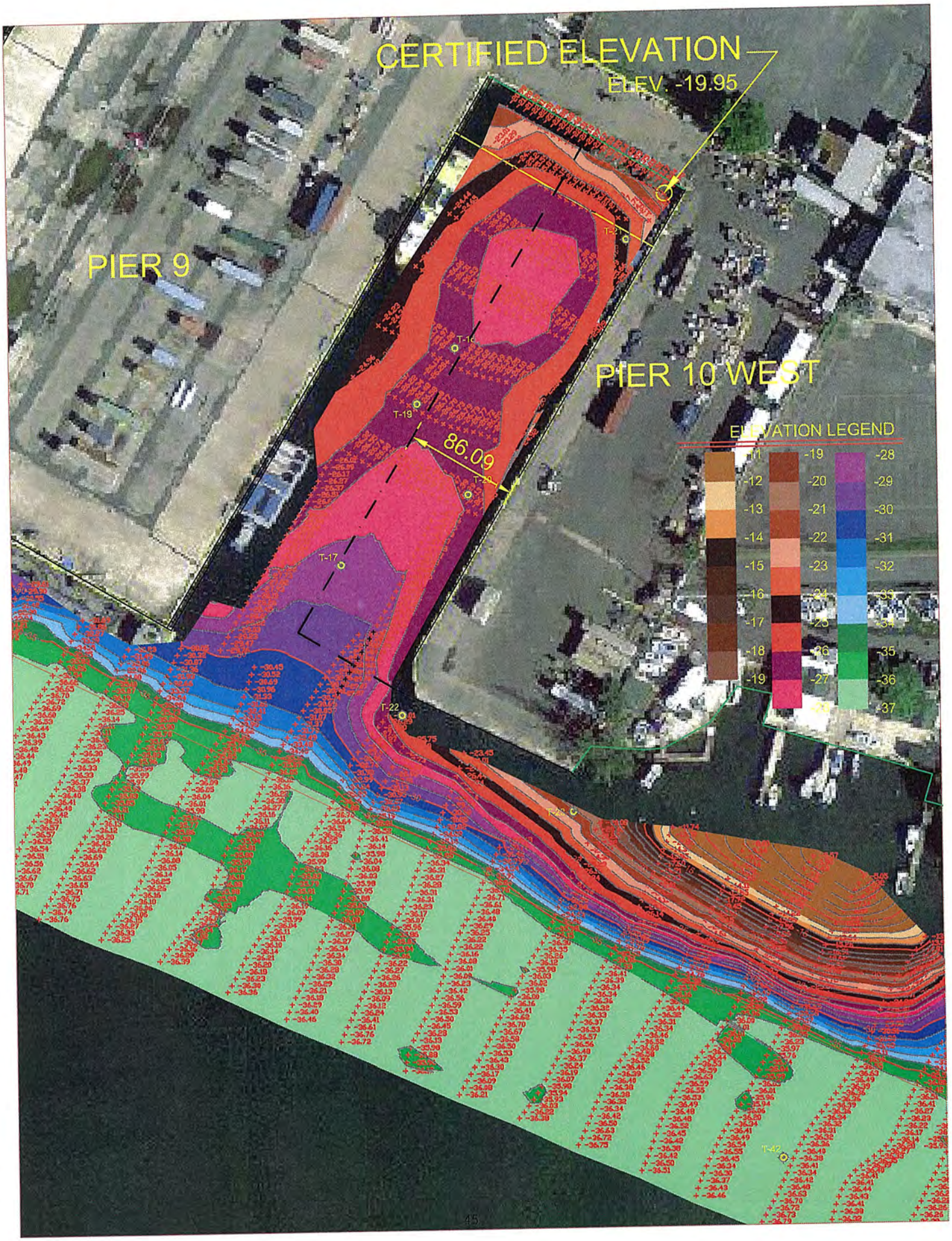
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV. -19.95
PIER 9
PIER 10 WEST
86.09
ELEVATION LEGEND
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Hydrographic Survey Certification For Pier 14 Extension

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 14 Extension

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 14 Extension

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -32.57 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 27' 41.0485" N	66° 05' 44.3057" W

	Feet	Meters
Water Depth Alongside Dock	32.57	9.93
Required Water Depth	36 + 2	10.97 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

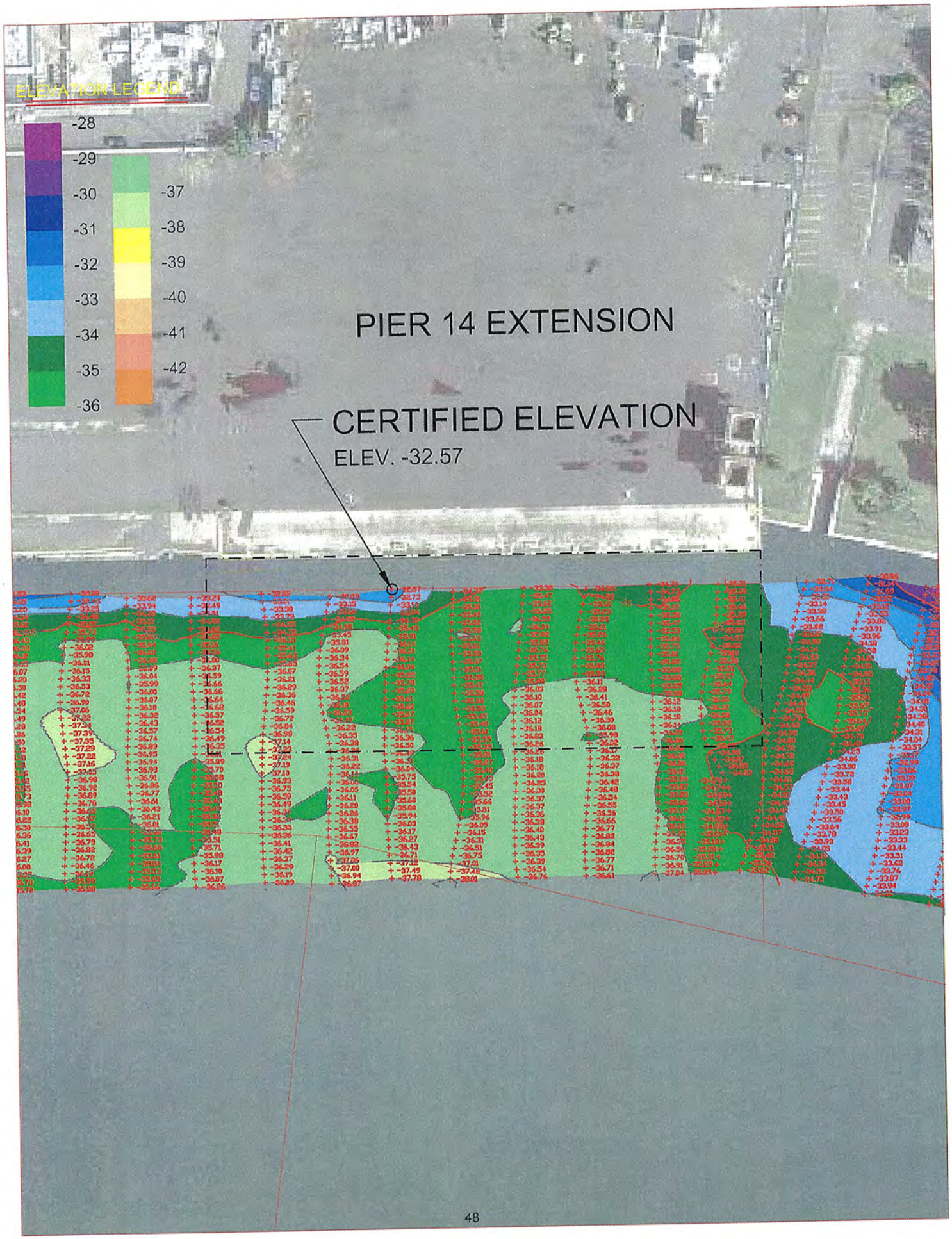
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


ELEVATION LEGEND
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PIER 14 EXTENSION
CERTIFIED ELEVATION
ELEV. -32.57

Hydrographic Survey Certification For Pier 15 (Outfitting Pier East)

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 15 (Outfitting Pier East)

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 15 (Outfitting Pier East)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -21.45 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 50.2517" N	66° 05' 22.6259" W

	Feet	Meters
Water Depth Alongside Dock	21.45	6.54
Required Water Depth	30 + 2	9.14 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

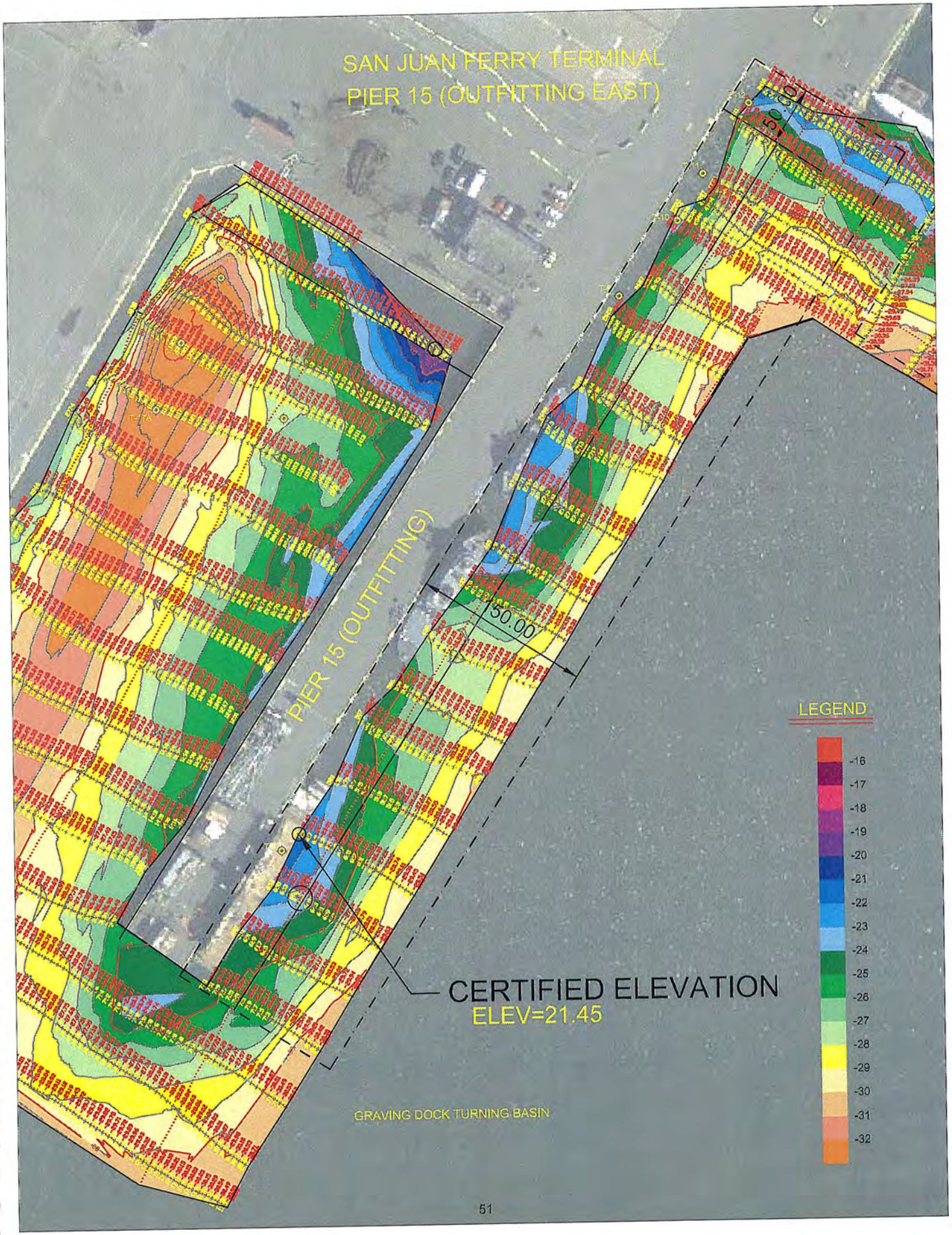
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


SAN JUAN FERRY TERMINAL
PIER 15 (OUTFITTING EAST)
PIER 15 (OUTFITTING)
150.00
CERTIFIED ELEVATION
ELEV=21.45
GRAVING DOCK TURNING BASIN
LEGEND
-16
-17
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Hydrographic Survey Certification For Pier 15 (Outfitting Pier West)

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 15 (Outfitting Pier West)

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 15 (Outfitting Pier West)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -17.13 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26′ 54.3010″ N	66° 05′ 21.3634″ W

	Feet	Meters
Water Depth Alongside Dock	17.13	5.22
Required Water Depth	30 + 2	9.14 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

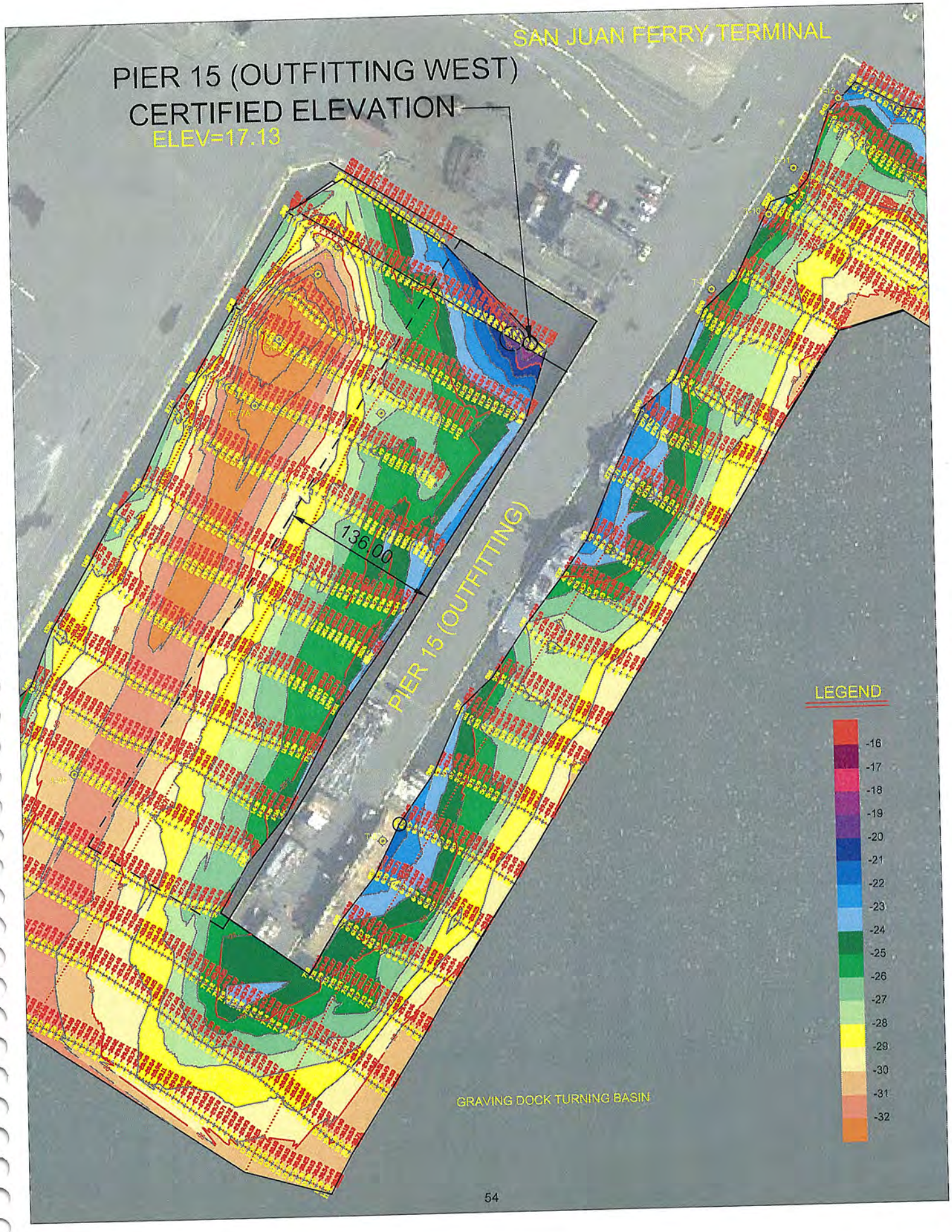
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


SAN JUAN FERRY TERMINAL
PIER 15 (OUTFITTING WEST)
CERTIFIED ELEVATION
ELEV=17.13
136.00
PIER 15 (OUTFITTING)
LEGEND
-16
-17
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-19
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-32
GRAVING DOCK TURNING BASIN

Hydrographic Survey Certification For Pier 15 (Tender Pier East)

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 15 (Tender Pier East)

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 15 (Tender Pier East)

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -18.56 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 50.6974" N	66° 05' 26.5135" W

	Feet	Meters
Water Depth Alongside Dock	18.56	5.66
Required Water Depth	30 + 2	9.14 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

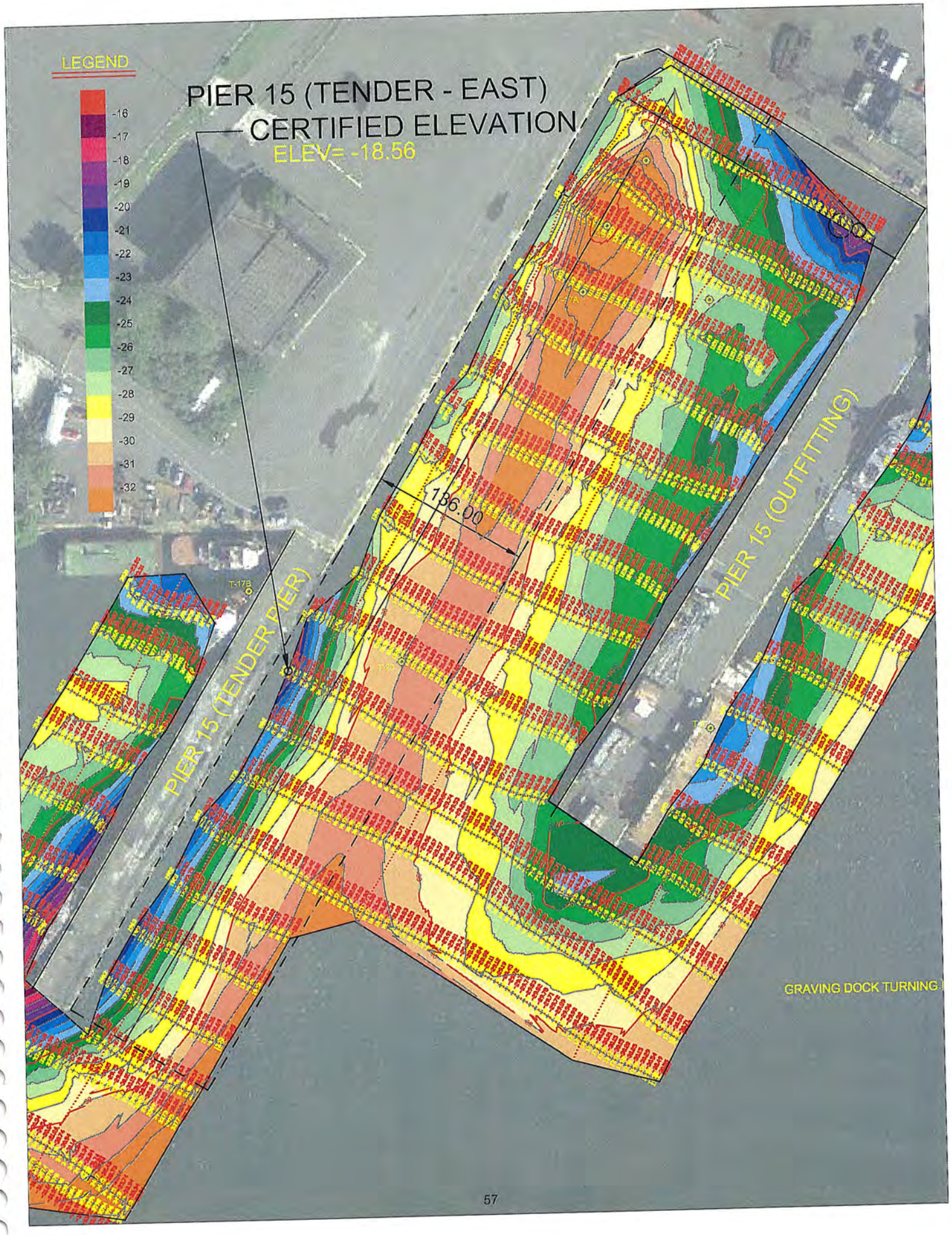
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


LEGEND
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-32
PIER 15 (TENDER - EAST)
CERTIFIED ELEVATION
ELEV= -18.56
136.00
PIER 15 (TENDER PIER)
PIER 15 (OUTFITTING)
T-17B
GRAVING DOCK TURNING

Hydrographic Survey Certification For Pier 16

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Pier 16

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Pier 16

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -19.77 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 52.7460" N	66° 05' 12.4364" W

	Feet	Meters
Water Depth Alongside Dock	19.77	6.03
Required Water Depth	30 + 2	9.14 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

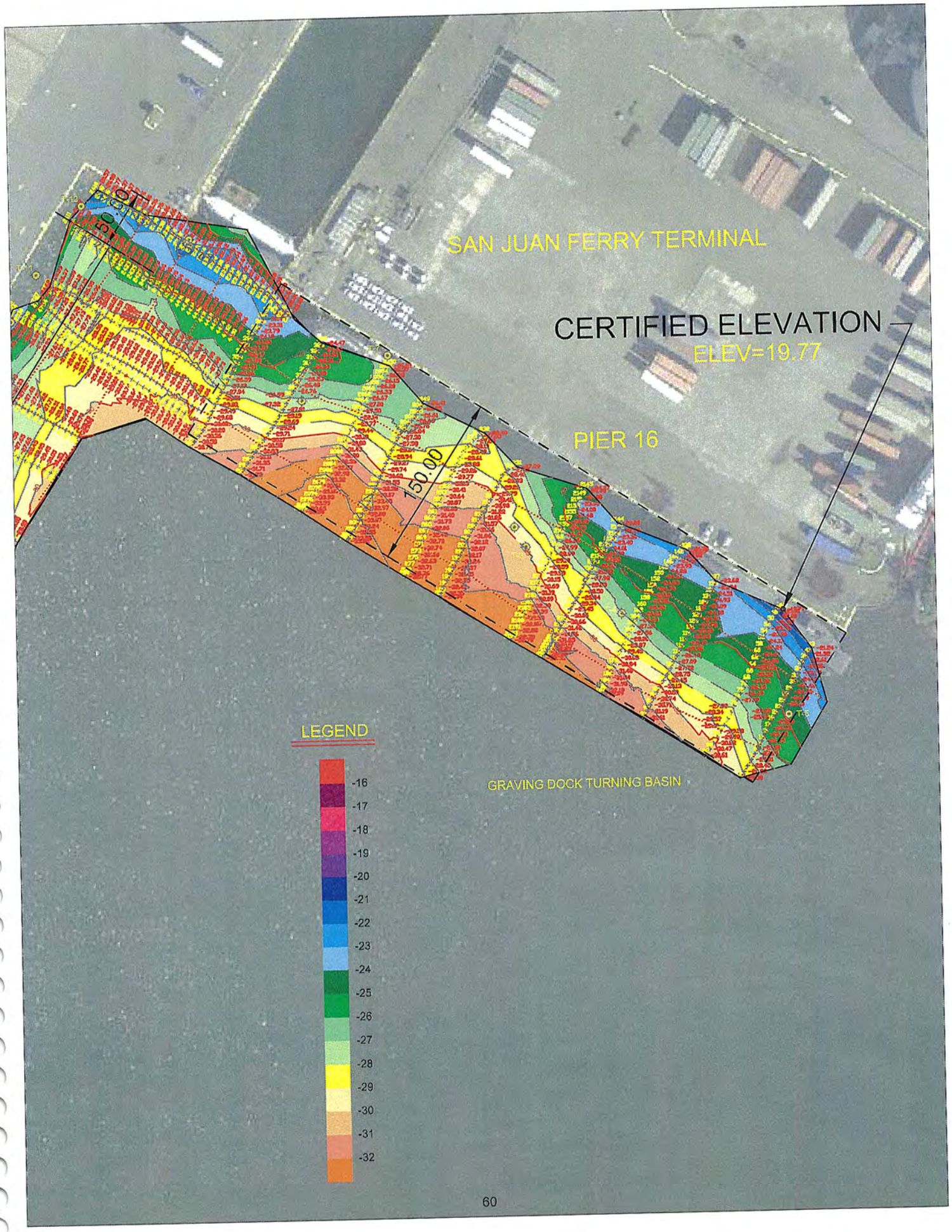
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


SAN JUAN FERRY TERMINAL
CERTIFIED ELEVATION
ELEV=19.77
PIER 16
150.00
GRAVING DOCK TURNING BASIN
LEGEND
-16
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Hydrographic Survey Certification For Puerto Nuevo Dock A

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock A

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock A

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -22.04 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25' 41.2387" N	66° 06'25.4499" W

	Feet	Meters
Water Depth Alongside Dock	22.04	6.72
Required Water Depth	33 + 2	10.06 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

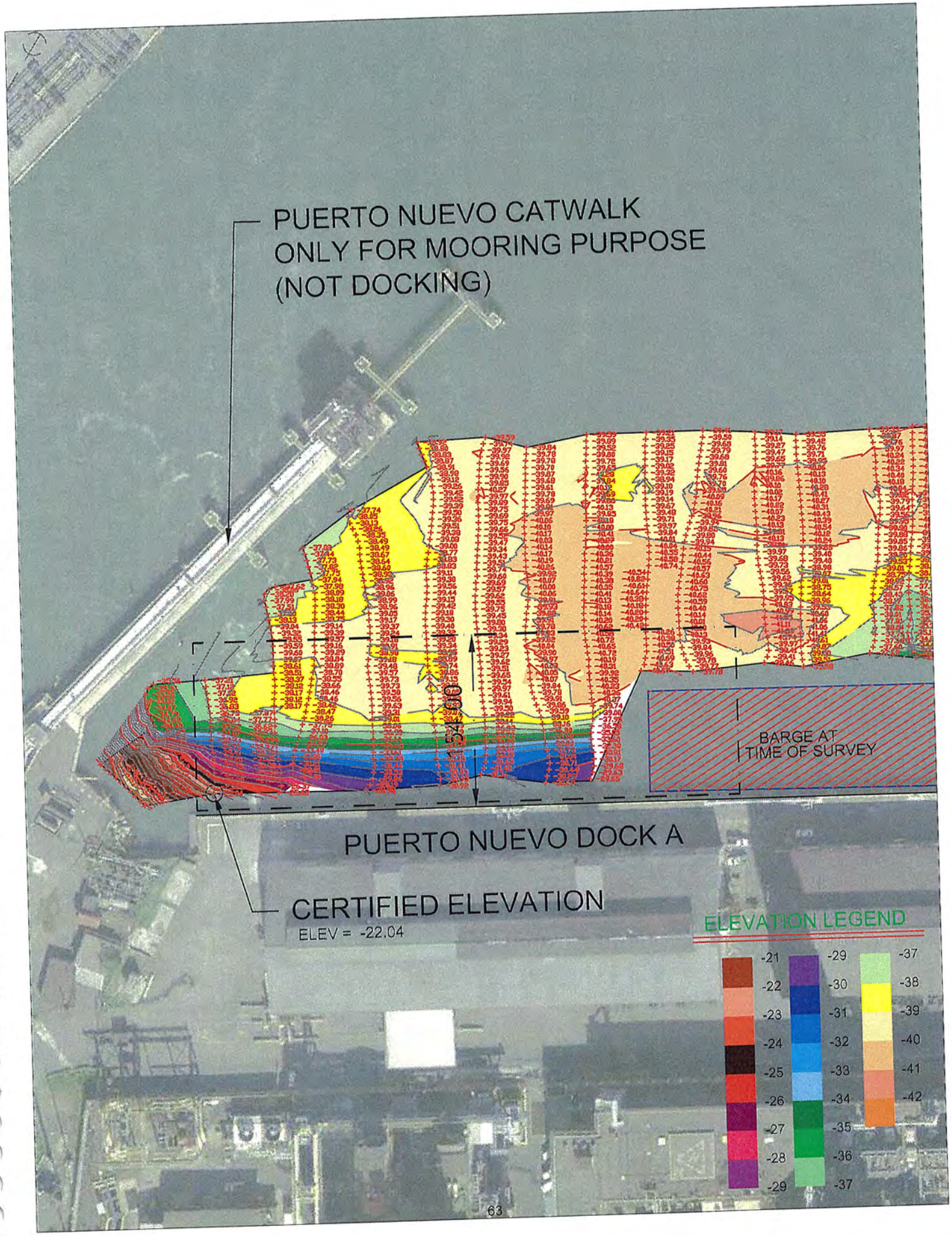
JAVIER E. BIDOT CRUZ
AGRIMENSOR LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


PUERTO NUEVO CATWALK
ONLY FOR MOORING PURPOSE
(NOT DOCKING)
BARGE AT
TIME OF SURVEY
PUERTO NUEVO DOCK A
CERTIFIED ELEVATION
ELEV = -22.04
ELEVATION LEGEND
-21
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Hydrographic Survey Certification For Puerto Nuevo Dock B

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock B

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock B

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.92 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25' 45.3783" N	66° 06'20.4259" W

	Feet	Meters
Water Depth Alongside Dock	33.92	10.34
Required Water Depth	33 + 2	10.06 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

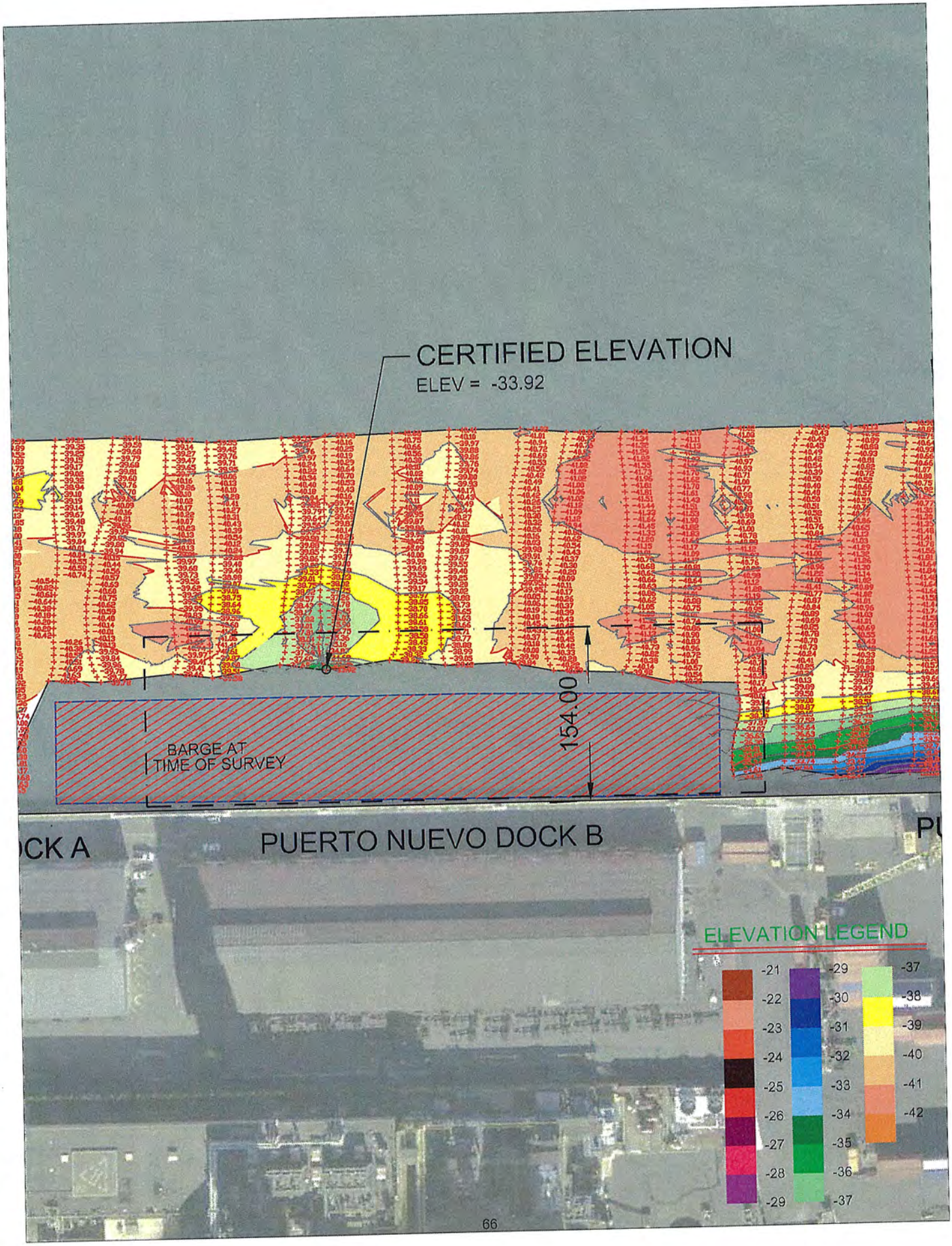
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV = -33.92
154.00
BARGE AT
TIME OF SURVEY
CK A
PUERTO NUEVO DOCK B
PU
ELEVATION LEGEND
-21
-22
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-37
-38
-39
-40
-41
-42

Hydrographic Survey Certification For Puerto Nuevo Dock C

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock C

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock C

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -27.39 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25′ 47.4483″ N	66° 06′ 14.8299″ W

	Feet	Meters
Water Depth Alongside Dock	-27.39	8.35
Required Water Depth	33 + 2	10.06 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

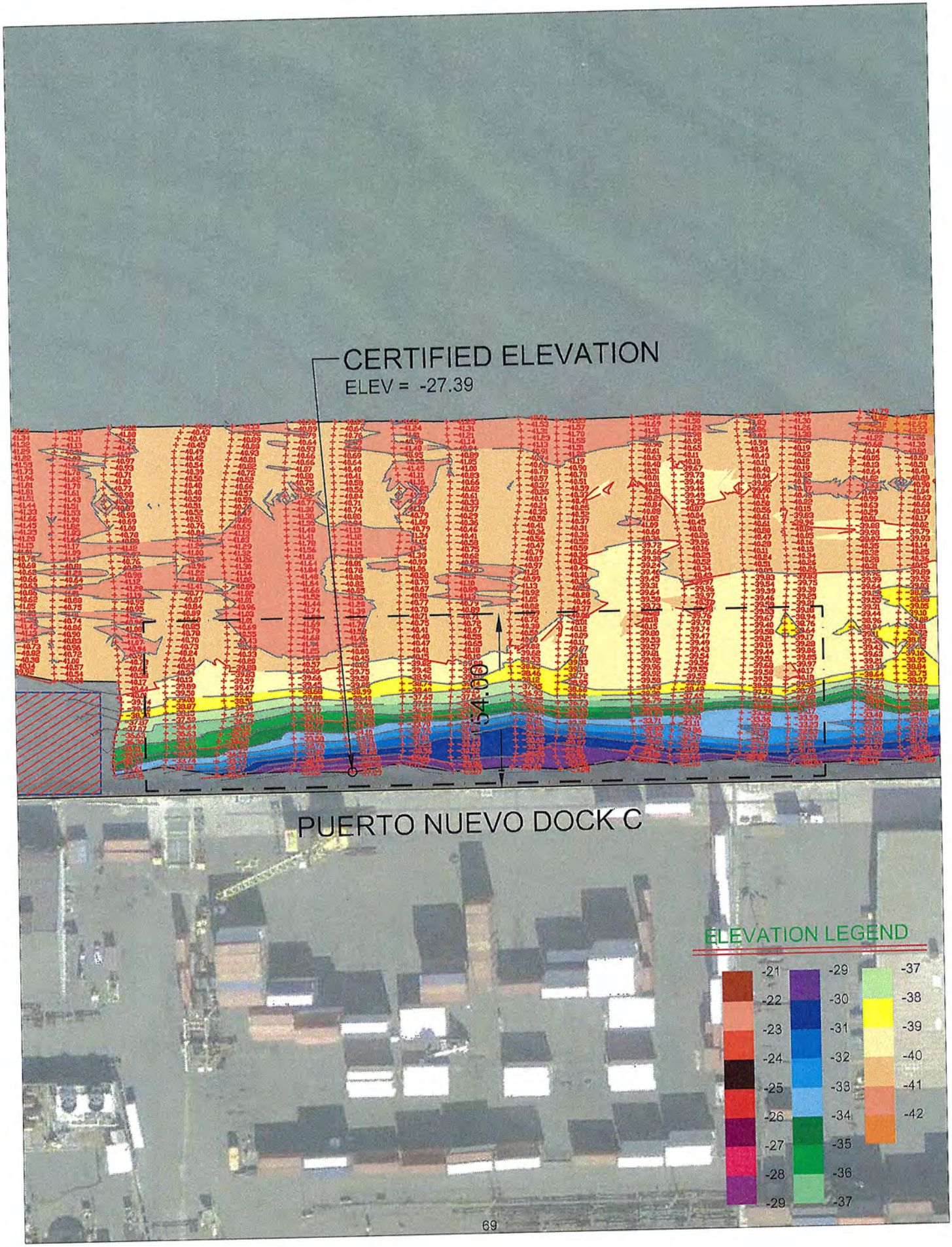
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


CERTIFIED ELEVATION
ELEV = -27.39
154.00
PUERTO NUEVO DOCK C
ELEVATION LEGEND
-21
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Hydrographic Survey Certification For Puerto Nuevo Dock D

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock D

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock D

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -25.80 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25′ 52.3327″ N	66° 06′ 06.5014″ W

	Feet	Meters
Water Depth Alongside Dock	25.80	7.86
Required Water Depth	33 + 2	10.06 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

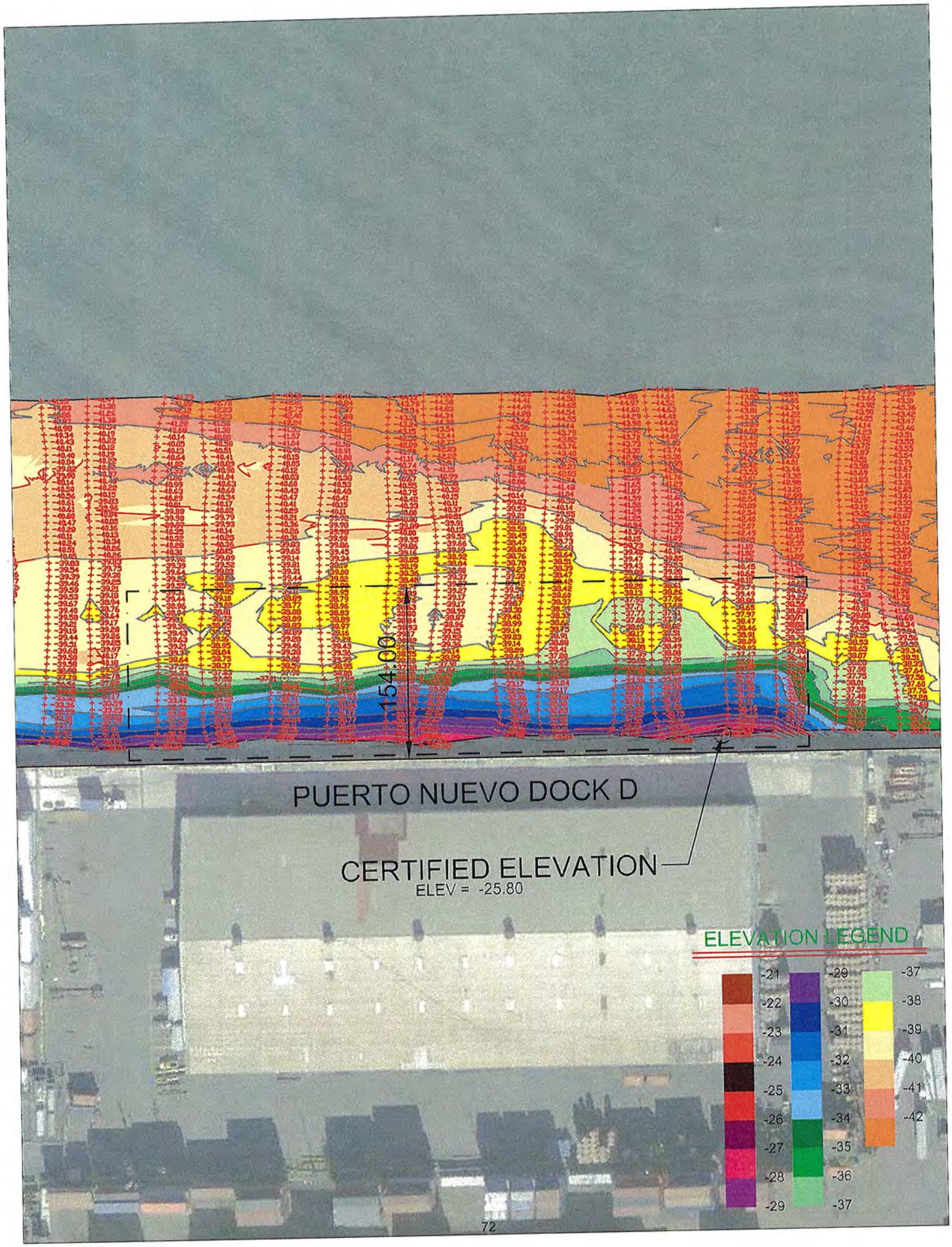
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK D
CERTIFIED ELEVATION
ELEV = -25.80
ELEVATION LEGEND
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Hydrographic Survey Certification For Puerto Nuevo Dock E

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock E

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock E

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.17 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25' 52.8661" N	66° 06' 05.6420" W

	Feet	Meters
Water Depth Alongside Dock	33.17	10.11
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

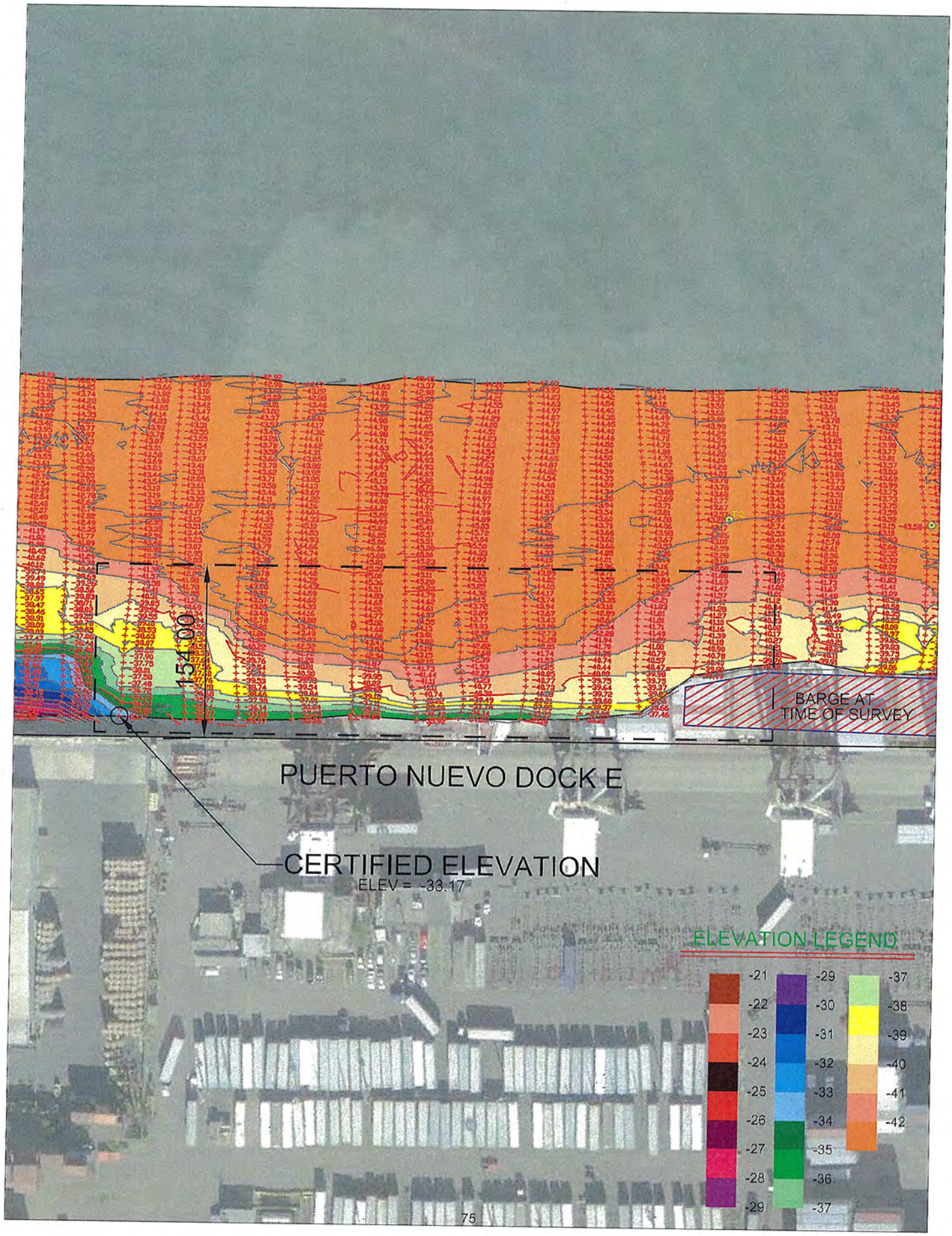
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
BARGE AT
TIME OF SURVEY
PUERTO NUEVO DOCK E
CERTIFIED ELEVATION
ELEV = -33.17
ELEVATION LEGEND
-21
-22
-23
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Hydrographic Survey Certification For Puerto Nuevo Dock F

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock F

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock F

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -34.47 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25' 58.0790" N	66° 05'56.7999" W

	Feet	Meters
Water Depth Alongside Dock	34.47	10.51
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

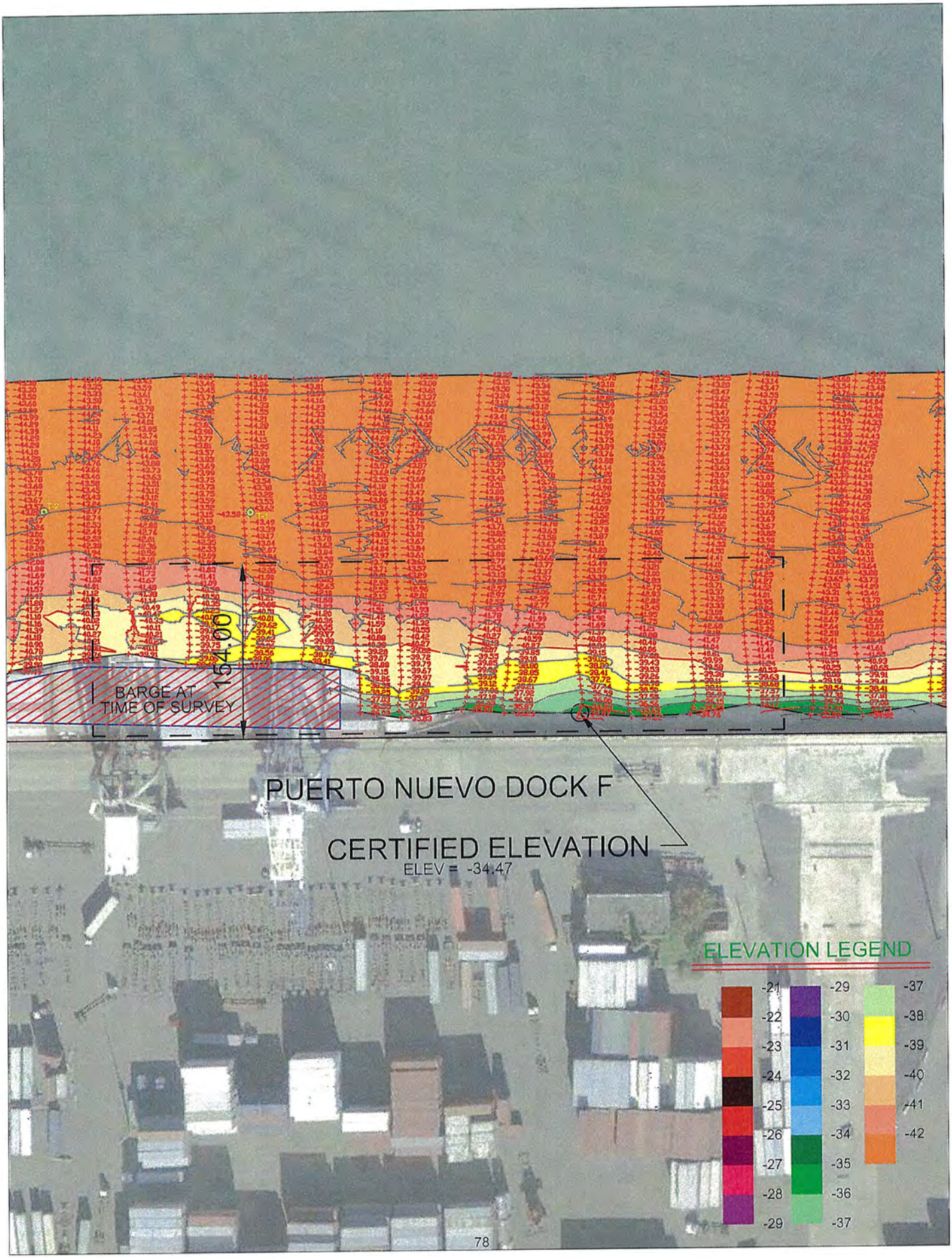
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


BARGE AT
TIME OF SURVEY
54.00
PUERTO NUEVO DOCK F
CERTIFIED ELEVATION
ELEV = -34.47
ELEVATION LEGEND
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-22
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Hydrographic Survey Certification For Puerto Nuevo Dock G

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock G

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock G

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.59 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 25' 59.0904" N	66° 05'55.0079" W

	Feet	Meters
Water Depth Alongside Dock	33.59	10.24
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

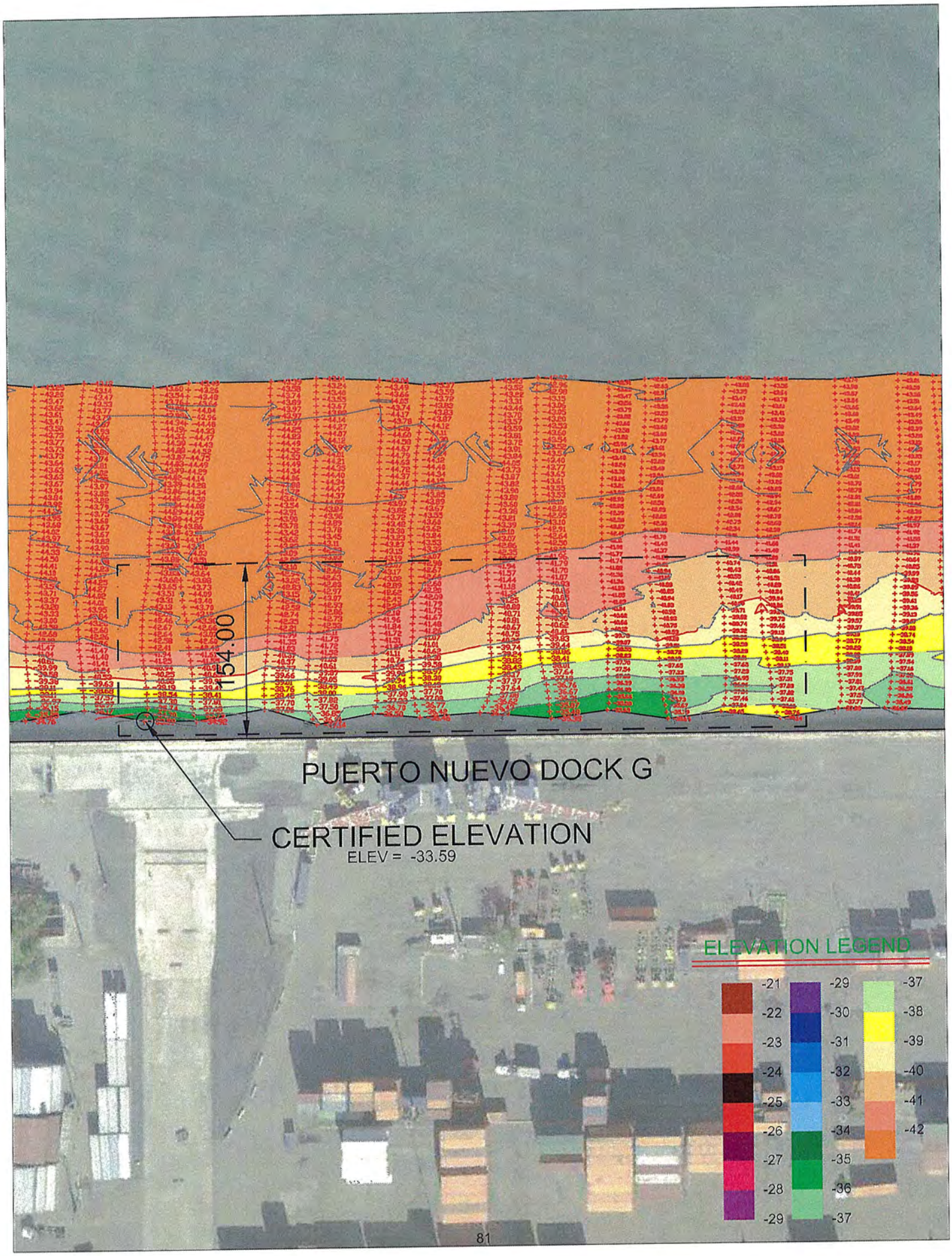
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK G
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ELEV = -33.59
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Hydrographic Survey Certification For Puerto Nuevo Dock H

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock H

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock H

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -35.62 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 05.1174" N	66° 05'44.9101" W

	Feet	Meters
Water Depth Alongside Dock	35.62	10.86
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

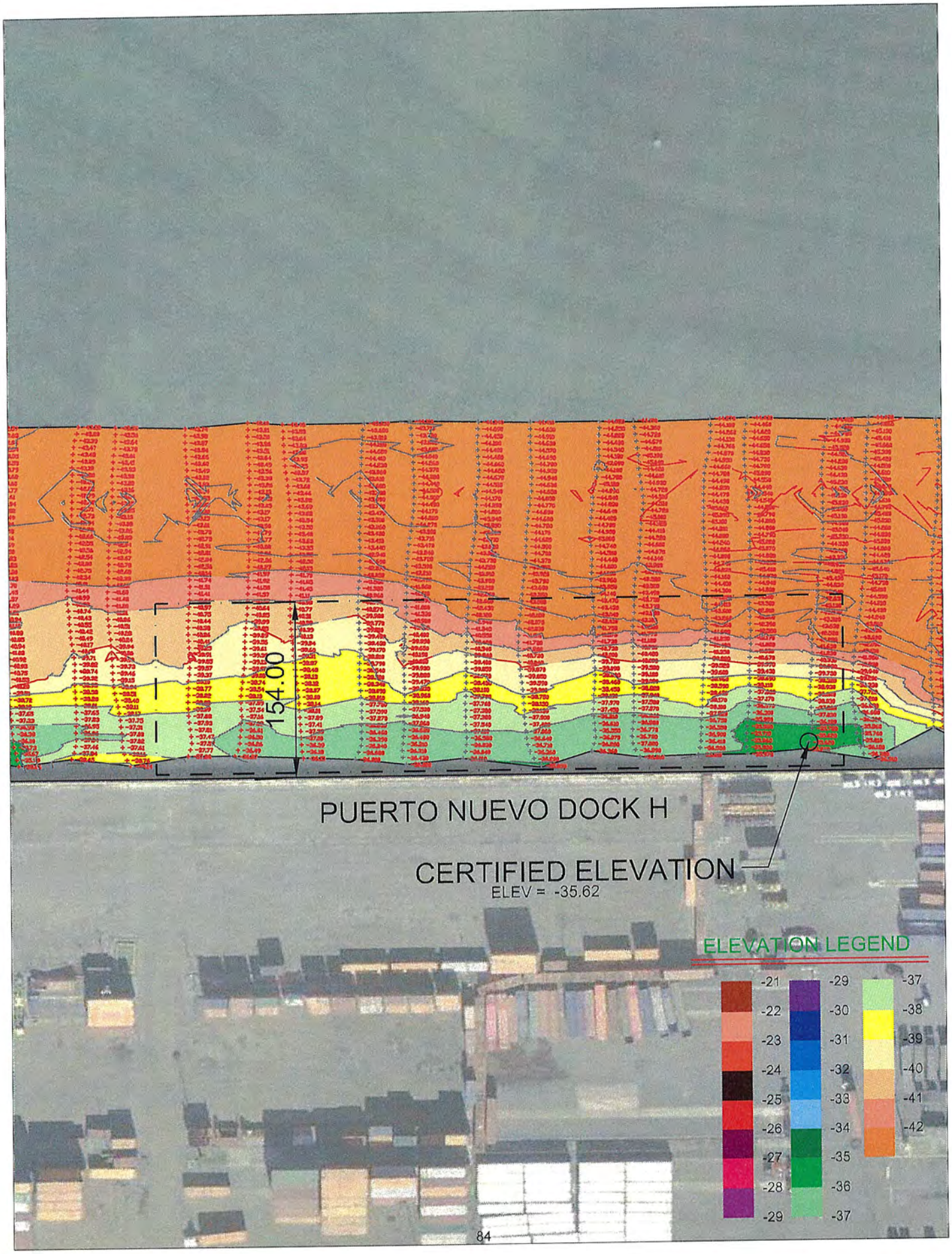
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK H
CERTIFIED ELEVATION
ELEV = -35.62
ELEVATION LEGEND
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Hydrographic Survey Certification For Puerto Nuevo Dock J

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock J

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock J

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -36.16 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 08.2064" N	66° 05'39.4265" W

	Feet	Meters
Water Depth Alongside Dock	36.16	11.02
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

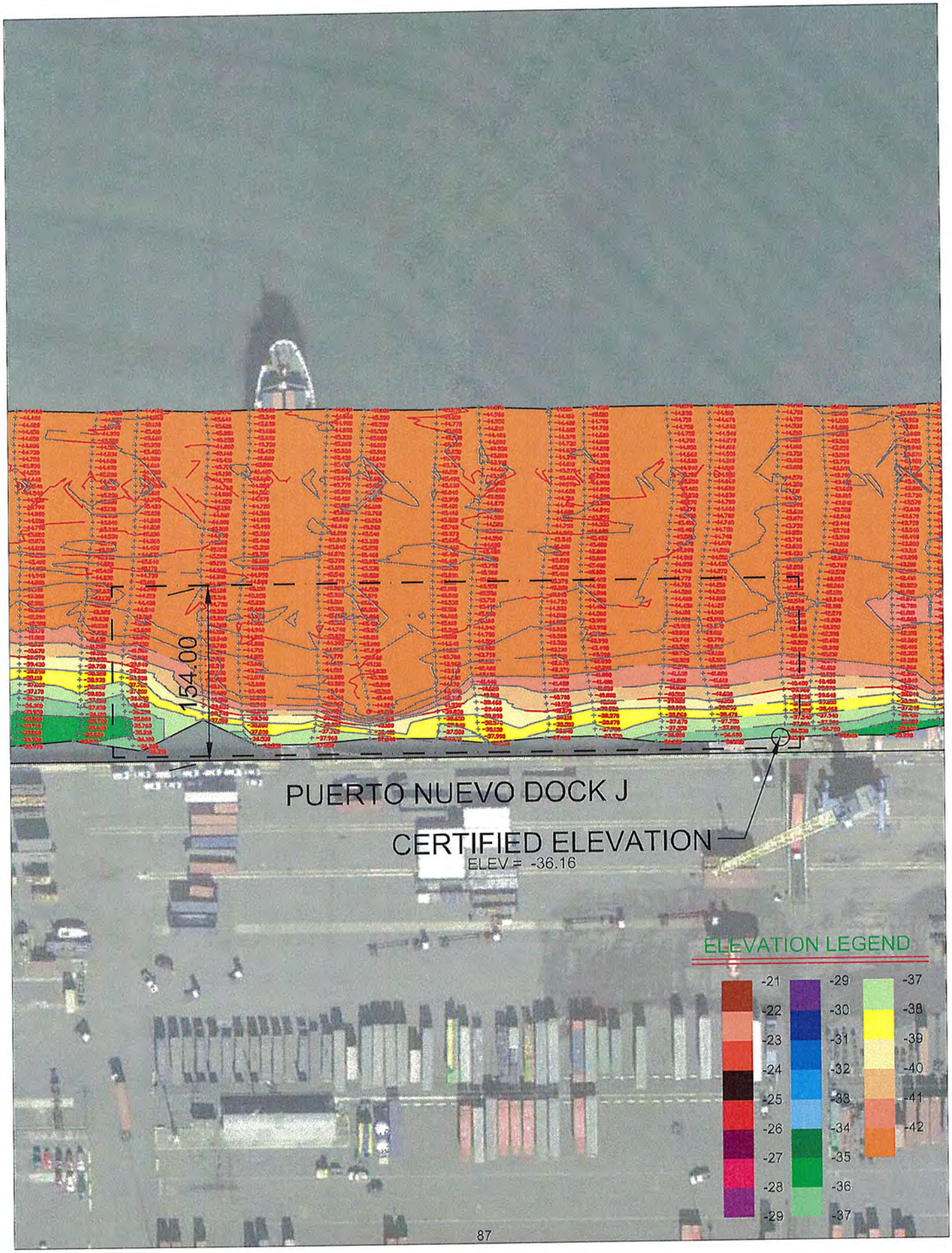
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215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PUERTO NUEVO DOCK J
CERTIFIED ELEVATION
ELEV = -36.16
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Hydrographic Survey Certification For Puerto Nuevo Dock K

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock K

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock K

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.96 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 09.9753" N	66° 05'36.3184" W

	Feet	Meters
Water Depth Alongside Dock	33.96	10.35
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

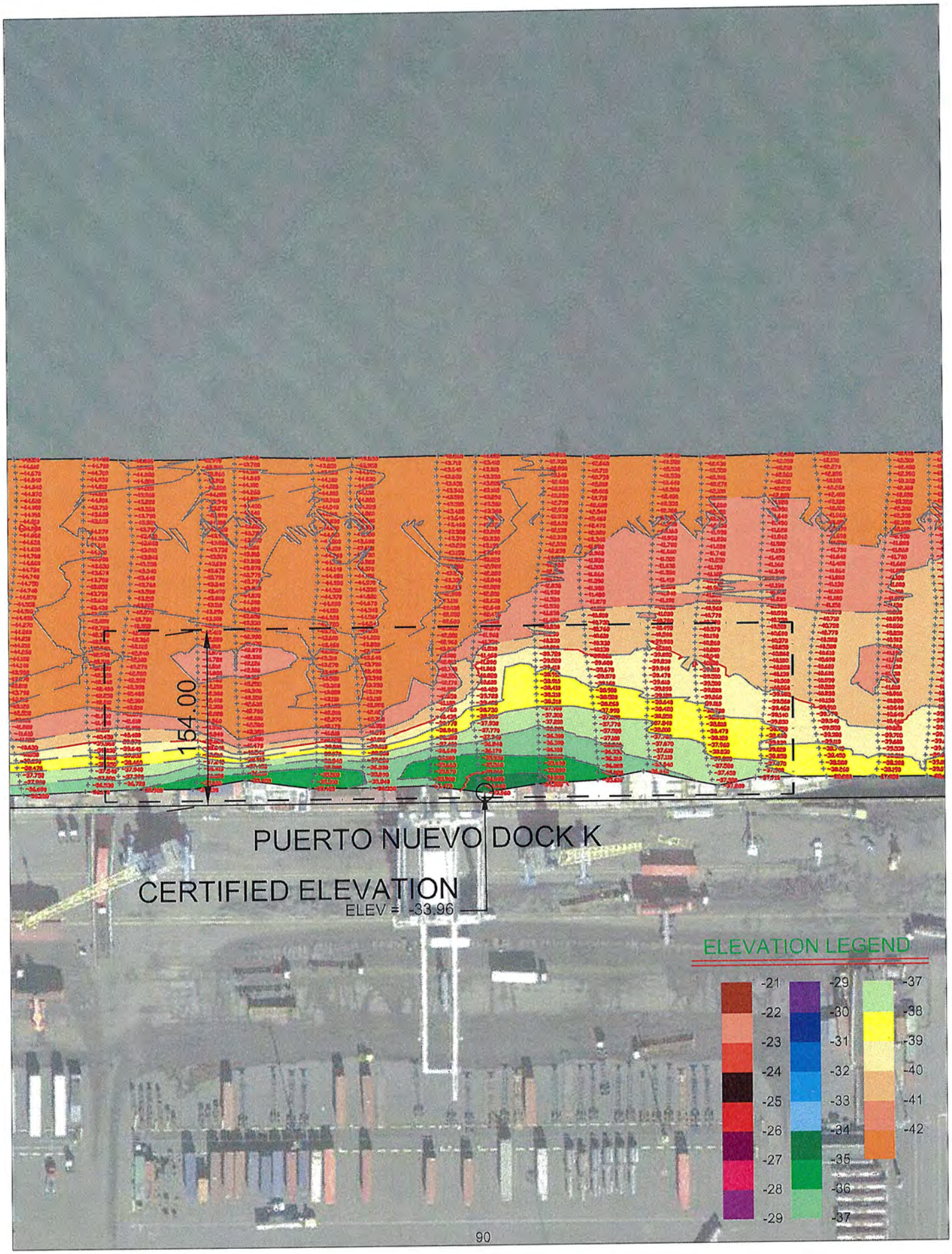
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215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PUERTO NUEVO DOCK K
CERTIFIED ELEVATION
ELEV = -33.96
ELEVATION LEGEND
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Hydrographic Survey Certification For Puerto Nuevo Dock L

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock L

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock L

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -35.85 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26′ 14.4392″ N	66° 05′28.8332″ W

	Feet	Meters
Water Depth Alongside Dock	35.85	10.93
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

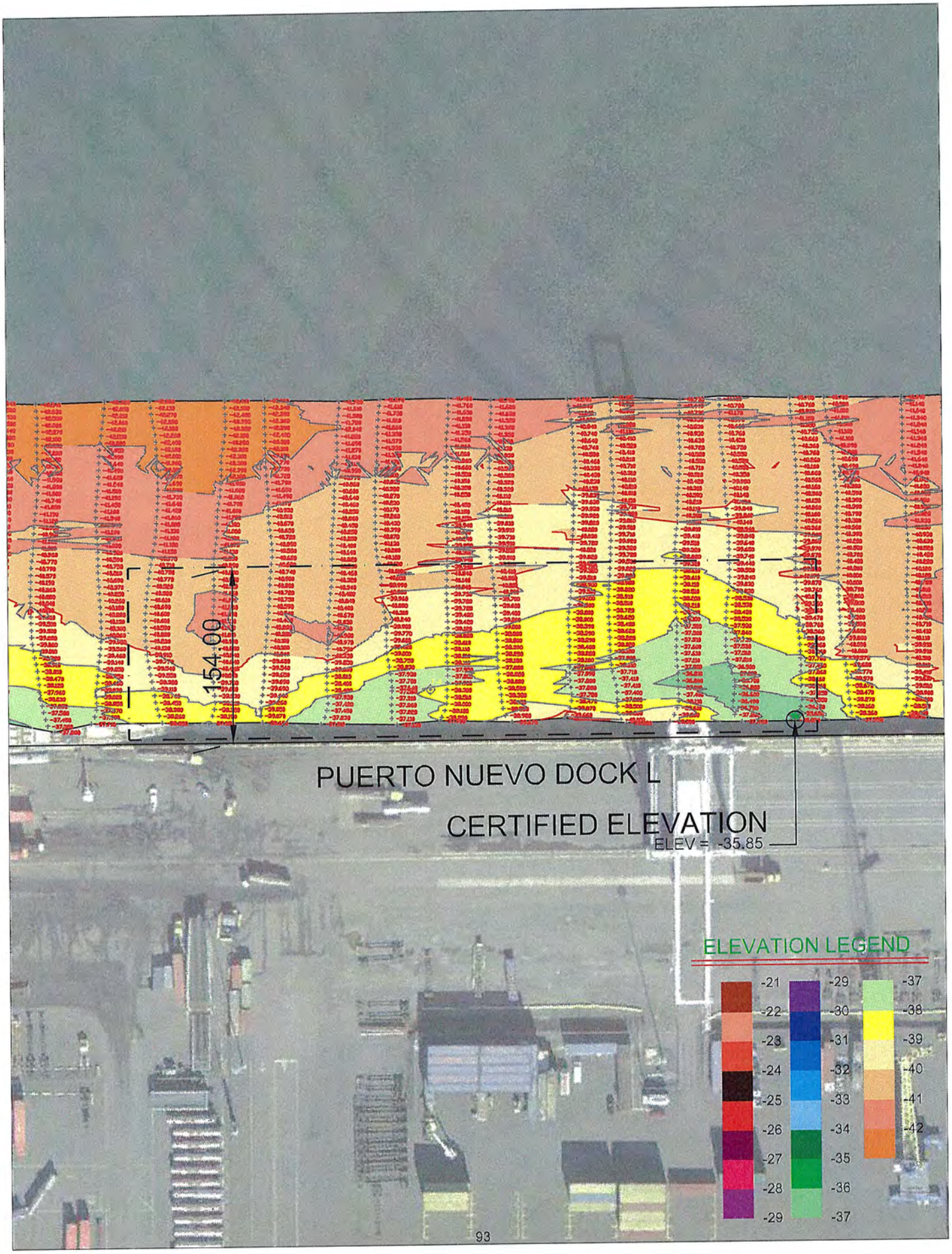
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK L
CERTIFIED ELEVATION
ELEV = -35.85
ELEVATION LEGEND
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Hydrographic Survey Certification For Puerto Nuevo Dock M

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock M

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock M

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -36.50 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 17.5487" N	66° 05'23.6025" W

	Feet	Meters
Water Depth Alongside Dock	36.50	11.13
Required Water Depth	39 + 2	11.89 + 0.61

Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

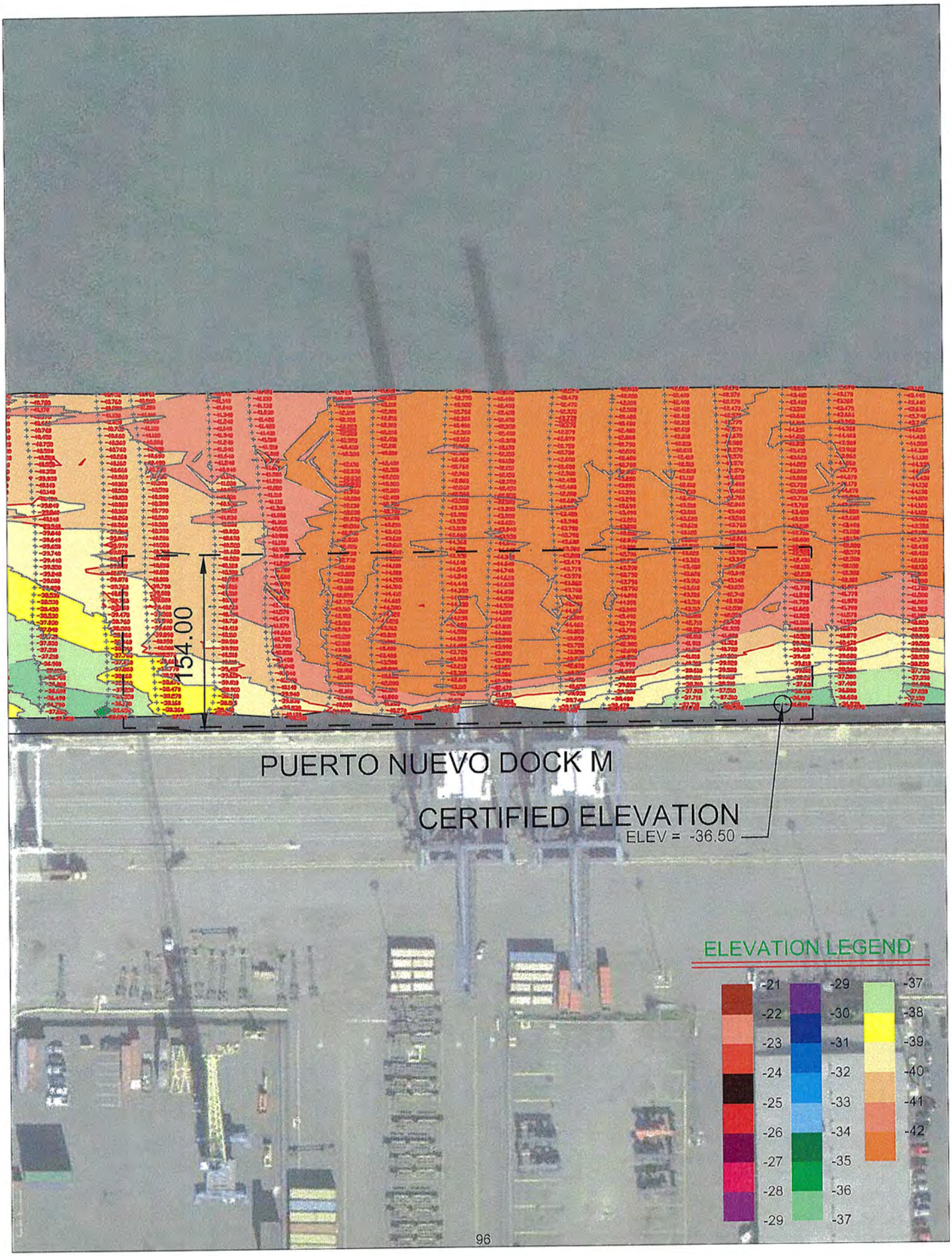
JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot

Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


754.00
PUERTO NUEVO DOCK M
CERTIFIED ELEVATION
ELEV = -36.50
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Hydrographic Survey Certification For Puerto Nuevo Dock N

JAVIER E. BIDOT ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock N

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock N

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -36.57 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 18.2891" N	66° 05'22.3051" W

	Feet	Meters
Water Depth Alongside Dock	36.57	11.15
Required Water Depth	39 + 2	11.89 + 0.61

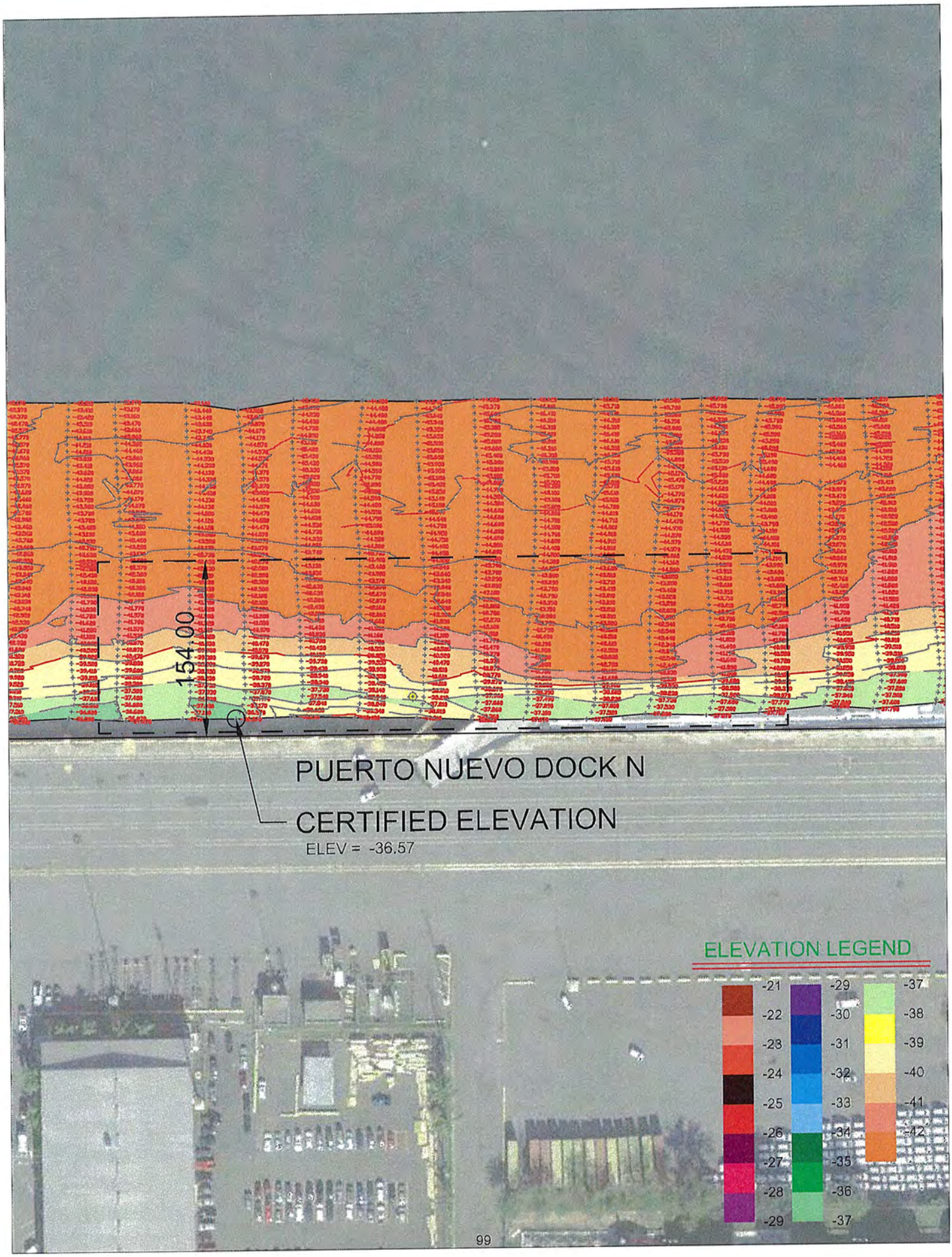
Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK N
CERTIFIED ELEVATION
ELEV = -36.57
ELEVATION LEGEND
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Hydrographic Survey Certification For Puerto Nuevo Dock O

JAVIER E. BIDOT
ASSOCIATES, PSC
Land Surveyors & Consultants

Hydrographic Survey Certification For Puerto Nuevo Dock O

Date: December 21, 2022.

To: Eng. Romel Pedraza, Puerto Rico Ports Authority

Re: Report of Measured Depths at Puerto Nuevo Dock O

I Javier E. Bidot, being a duly Registered Professional Land Surveyor in the Commonwealth of Puerto Rico, do hereby certify to the Puerto Rico Ports Authority, that I have conducted a bathymetric survey for Puerto Nuevo Dock C on April 28, 2022 following USACE Hydrographic Manual EM-1110-2-1003 standards of care and practice. That in accordance with such specifications, the lowest measured elevation is -33.88 feet alongside dock with a dual frequency, single beam ODOM Hydrotrac CV100 DF echosounder, and GNSS RTK positioning, in a manner sufficient to ensure said location and depth are within the tolerances specified in the above referenced document. I do further certify that I have provided and reviewed the raw data and components collected by myself or personnel under my direct supervision at the specified location and find that said data supports the depth, at Mean Lower Low Water, of said location as reported below:

Horizontal Datum	North Latitude	West Longitude
NAD83 (2011), Epoch 2010	18° 26' 23.7615" N	66° 05'13.0168" W

	Feet	Meters
Water Depth Alongside Dock	33.88	10.33
Required Water Depth	39 + 2	11.89 + 0.61

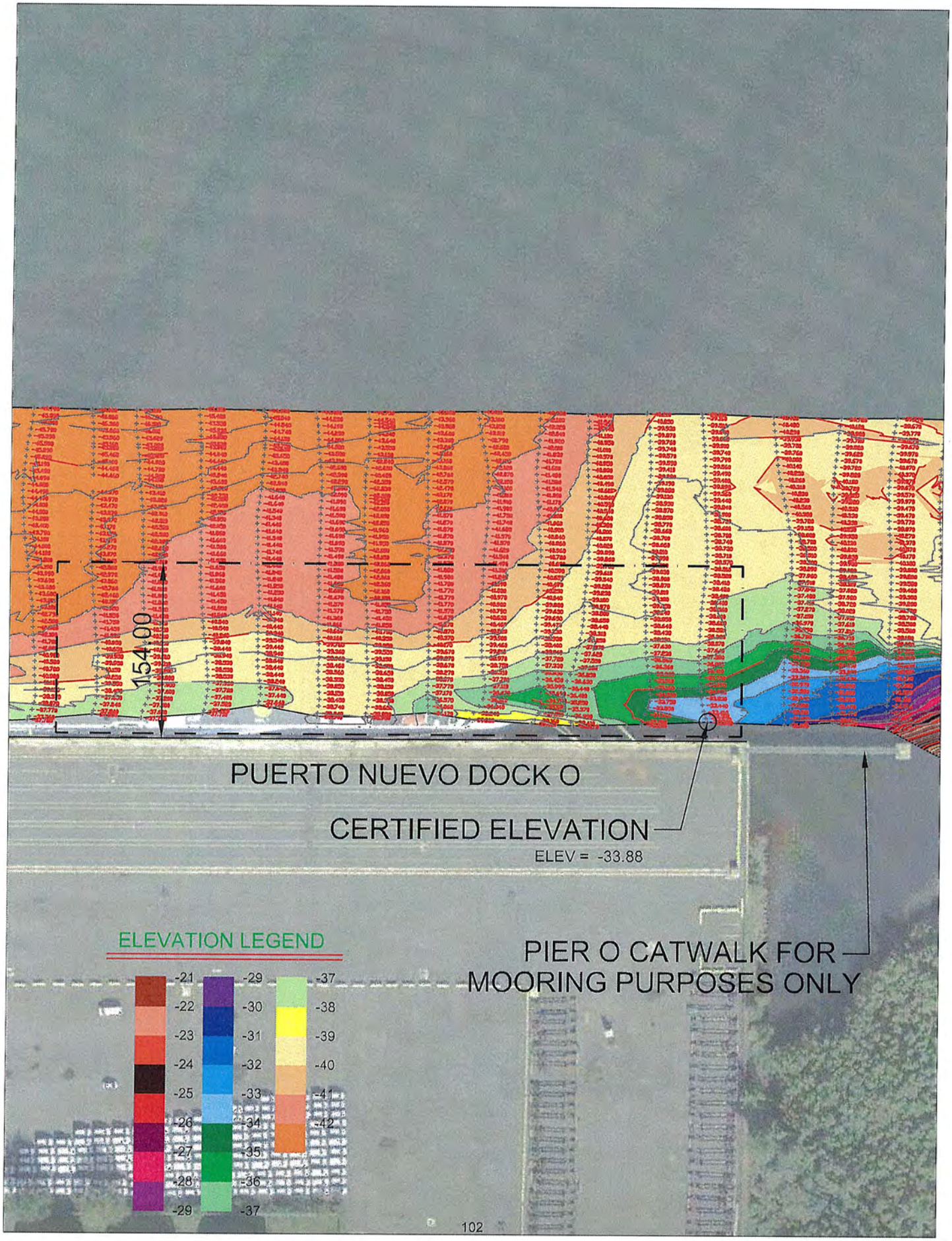
Certified correct on the city of Caguas, Puerto Rico December 21, 2022.

JAVIER E. BIDOT CRUZ
AGRIMENSOR
LICENCIADO
LIC. #12972
PUERTO RICO

Javier E. Bidot
Registered Land Surveyor No.12972

Date: December 21, 2022.

16 Cordova, Terralinda, Caguas, PR 00727 Phone (787) 746-5486 Fax (787) 704-6215


154.00
PUERTO NUEVO DOCK O
CERTIFIED ELEVATION
ELEV = -33.88
PIER O CATWALK FOR
MOORING PURPOSES ONLY
ELEVATION LEGEND
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