

US Army Corps of Engineers. Philadelphia District

Wanamaker Building 100 Penn Square East Philadelphia, PA 19107-3390

ATTN: CENAP-OP-R

Public Notice

Public Notice No. Date
CENAP-OP-R-2020-00281-95 01 May 2020

Application No.

File No.

CENAP-OP-R-2020-00281-95

In Reply Refer to:

REGULATORY BRANCH

This District has received an application for a Department of the Army (DA) permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: New Jersey Department of Transportation

Office of Maritime Resources Attn: Ms. Genevieve Clifton

P.O. Box 600

Trenton, New Jersey 08625-0600

WATERWAY: Barnegat Bay - Toms River North State Channel Complex: Andrews Point

Channel (#072), Silver Bay Channel (#073), Silver Bay Entrance Channel (#074), Pier One Channel (#082), and Bay Shore Bridge Channel (#083).

LOCATION: Toms River Township, Ocean County, New Jersey; Latitude 39.78765°N,

Longitude: -74.143525°W.

ACTIVITY:

The applicant, New Jersey Department of Transportation – Office of Maritime Resources, has requested Department of the Army authorization to perform ten (10)-year maintenance dredging of five (5) channels within Barnegat Bay, identified as the Toms River North State Channel Complex: Andrews Point Channel, Silver Bay Channel, Silver Bay Entrance Channel, Pier One Channel, and Bay Shore Bridge Channel. All of the work would be accomplished via hydraulic cutterhead dredge or mechanical bucket dredge. All resultant dredged material, estimated to total 50,615.0-cubic yards of sand and silt, would be transported via pipeline or scow vessel to the Dredged Hole #25 restoration site in Lavallette Borough, Ocean County, New Jersey for use as restorative fill.

The Toms River North State Channel Complex has been historically maintenance dredged, most recently during the 1960s. Restoration of Dredged Hole #25 is authorized under DA Permit Number NAP-2016-00297-95.

The hydraulic dredge pipeline would be marked in accordance with U.S. Coast Guard regulations and would be floating, except where it crosses navigation channels where it will be sunken for safety reasons.

Each maintenance dredging event is anticipated to be approximately twelve (12) weeks in duration, including mobilization/demobilization, dredging, and material placement activities. Two (2) or three (3) maintenance dredging events are anticipated to be conducted over the next ten (10)-years.

Andrews Point Channel (#072):

Maintenance dredging of 5,685.0-cubic yards of shoaled sediments from a 4,200.0-foot long channel to -5.0-feet below the plane of Mean Low Water (MLW), plus 1.0-foot of allowable overdredge, is proposed. The channel design width is 100.0-linear feet, with 3:1 side slopes.

Silver Bay Channel (#073):

Maintenance dredging of 3,970.0-cubic yards of shoaled sediments from a 1,100.0-foot long channel to -5.0-feet below the plane of MLW, plus 1.0-foot of allowable overdredge, is proposed. The channel design width is 100.0-linear feet, with 3:1 side slopes.

Silver Bay Entrance Channel (#074):

Maintenance dredging of 19,935.0-cubic yards of shoaled sediments from a 12,144.0-foot long channel to -5.0-feet below the plane of MLW, plus 1.0-foot of allowable overdredge, is proposed. The channel design width is 100.0-linear feet, with 3:1 side slopes.

Pier One Channel (#082):

Maintenance dredging of 10,225.0-cubic yards of shoaled sediments from a 3,696.0-foot long channel to -5.0-feet below the plane of MLW, plus 1.0-foot of allowable overdredge, is proposed. The channel design width is 100.0-linear feet, with 3:1 side slopes.

Bay Shore Bridge Channel (#083):

Maintenance dredging of 9,585.0-cubic yards of shoaled sediments from a 3,380.0-foot long channel to -5.0-feet below the plane of MLW, plus 1.0-foot of allowable overdredge, is proposed. The channel design width is 100.0-linear feet, with 3:1 side slopes.

PURPOSE: The stated purpose of this project is to restore and maintain safe navigational depths for transiting recreational and emergency vessels in Barnegat Bay.

The decision whether to issue a permit will be based on an evaluation of the activity's probable impact including its cumulative impacts on the public interest. The decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the work must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the work will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood

plain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and welfare of the people. A Department of the Army permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Due to the potential for extensive telework associated with the COVID-19 situation, all comments on the proposed work should be submitted, within thirty (30) days, via email only to the District Engineer, U.S. Army Corps of Engineers - Philadelphia District at PhiladelphiaDistrictRegulatory@usace.army.mil.

From a review of this application concerning Section 106 of the National Historic Preservation Act of 1966, the permit area has been so extensively modified from past use, including historical maintenance dredging, that little likelihood exists for the proposed project to impact an historic property.

A preliminary review of this application indicates that the proposed work may affect listed aquatic-based species or their critical habitat. Pursuant to Section 7 of the Endangered Species Act (ESA), the Philadelphia District will evaluate the potential effects from the proposed actions to these species and their habitat, and consult with NOAA Fisheries as appropriate. Consultation will be concluded prior to the final decision on this permit application.

A preliminary review of this application indicates that the proposed work would not affect listed land-based species or their critical habitat. Rationale for this determination is that the proposed dredged material placement site, Dredged Hole #25, is authorized by DA Permit Number NAP-2016-00297-95. Additionally, the absence of habitat for ESA-managed species within the subject State channels where dredging is being undertaken would not affect listed land-based species or their critical habitat. As a result, pursuant to Section 7 of the ESA, consultation with the U.S. Fish and Wildlife Service is not necessary. As the evaluation of this application continues, additional information may become available which could modify this preliminary determination.

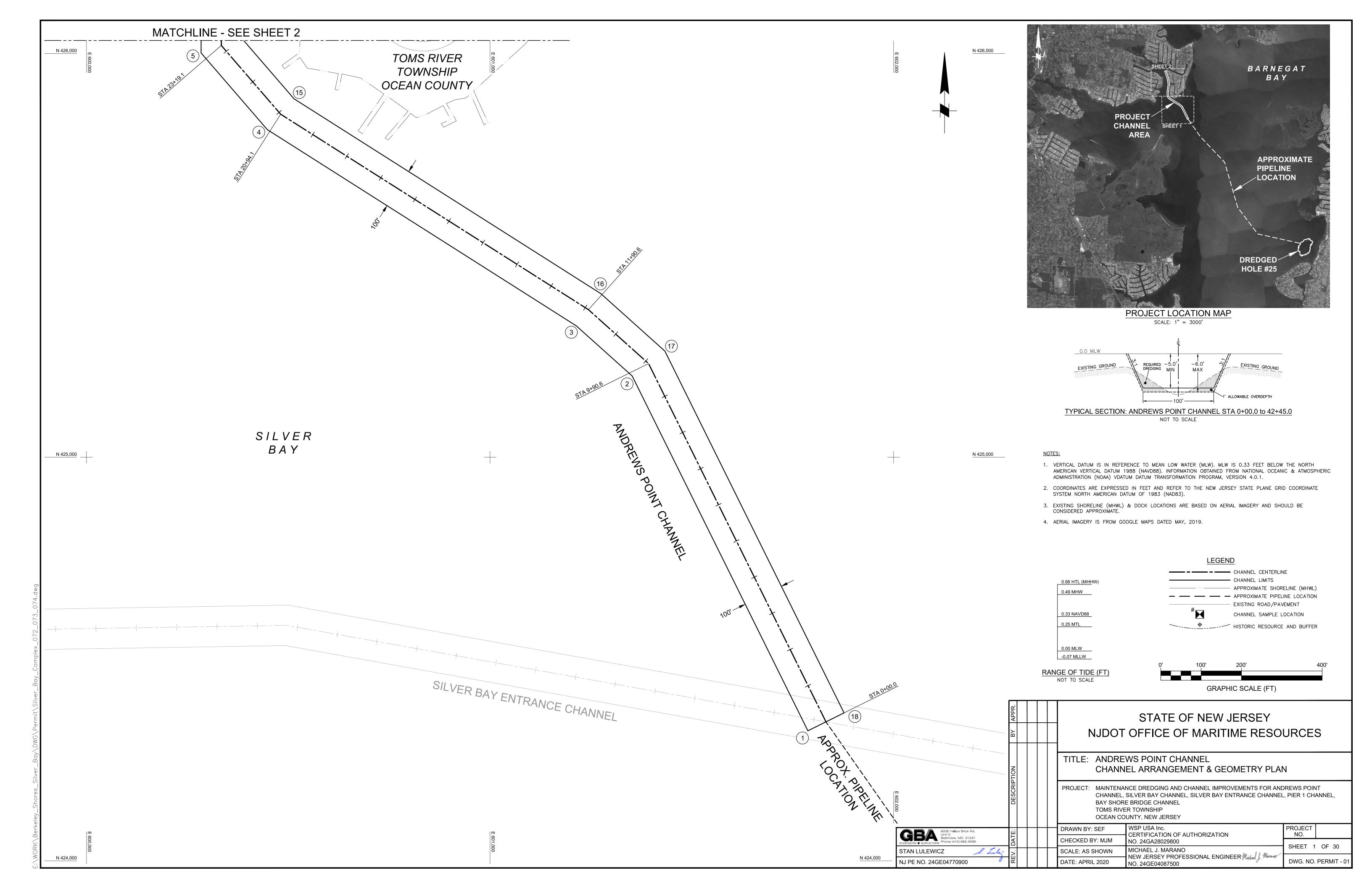
The Magnuson-Stevens Fishery Conservation and Management Act requires all federal agencies to consult with the NOAA Fisheries for all actions, or proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH). A preliminary review of this application indicates that EFH is present within the project area. The Philadelphia District will evaluate the potential effects of the proposed actions on EFH and will consult with NOAA Fisheries as appropriate. Consultation will be concluded prior to the final decision on this permit application.

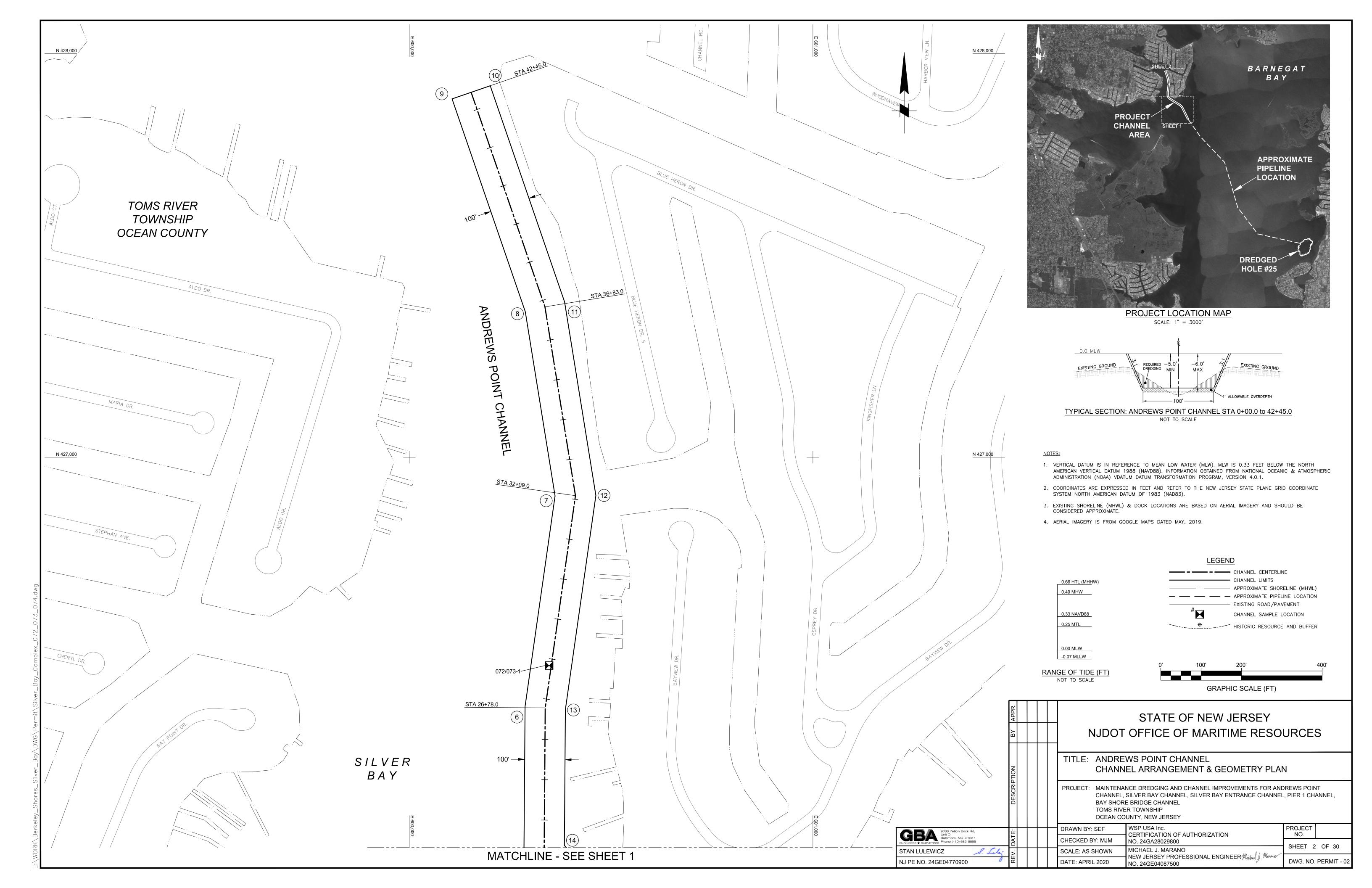
In accordance with Section 307(c) of the Coastal Zone Management Act of 1972, applicants for Federal Licenses or Permits to conduct an activity affecting land or water uses in a State's coastal zone must provide certification that the activity complies with the State's Coastal Zone Management Program. The applicant has stated that the proposed activity complies with and will be conducted in a manner that is consistent with the approved State Coastal Zone Management (CZM) Program. No permit will be issued until the State has concurred with the applicant's certification or has waived its right to do so. Comments concerning the impact of the proposed and/or existing activity on the State's coastal zone should be sent to this office, with a copy to the State's Office of Coastal Zone Management.

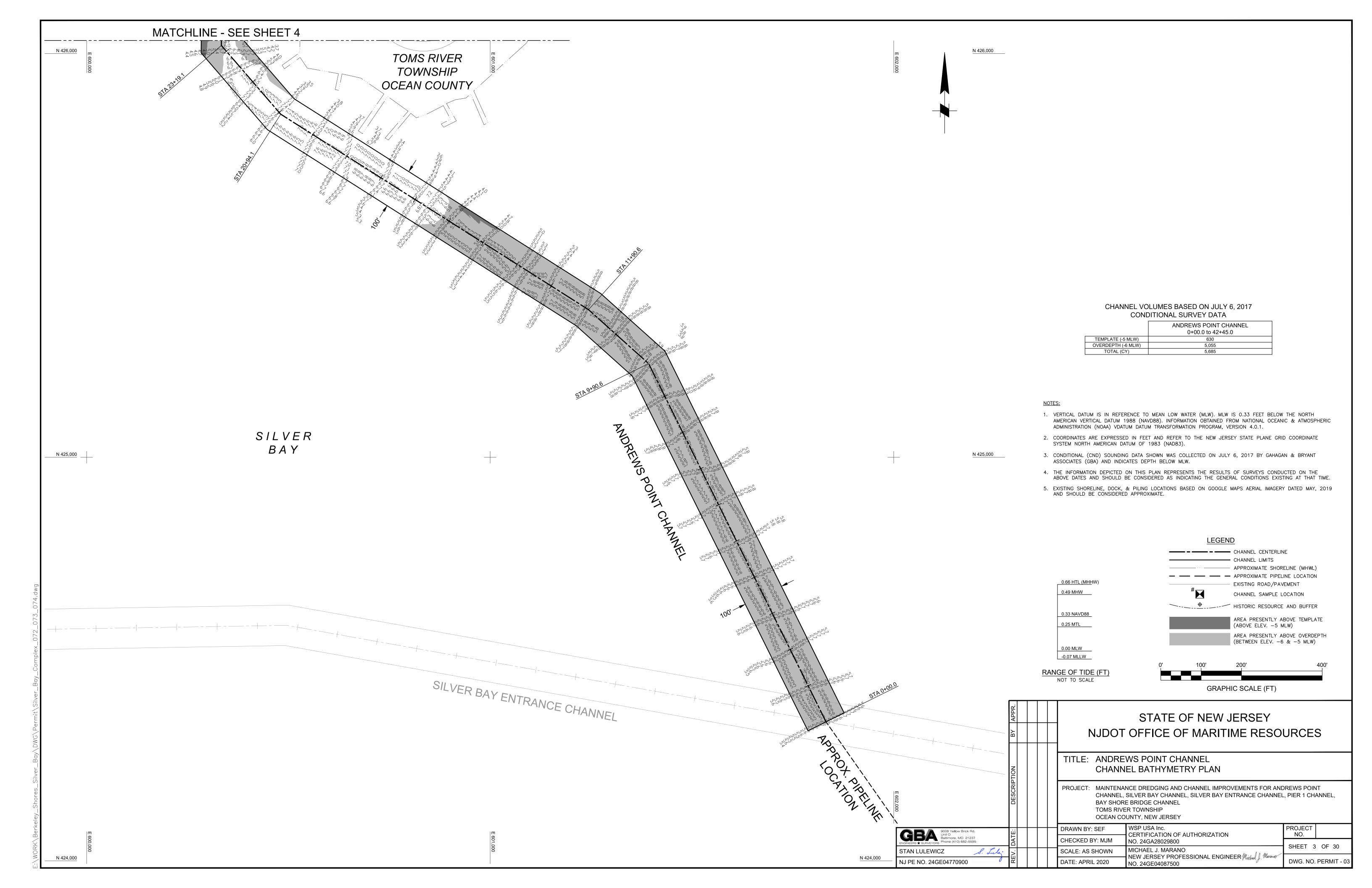
Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

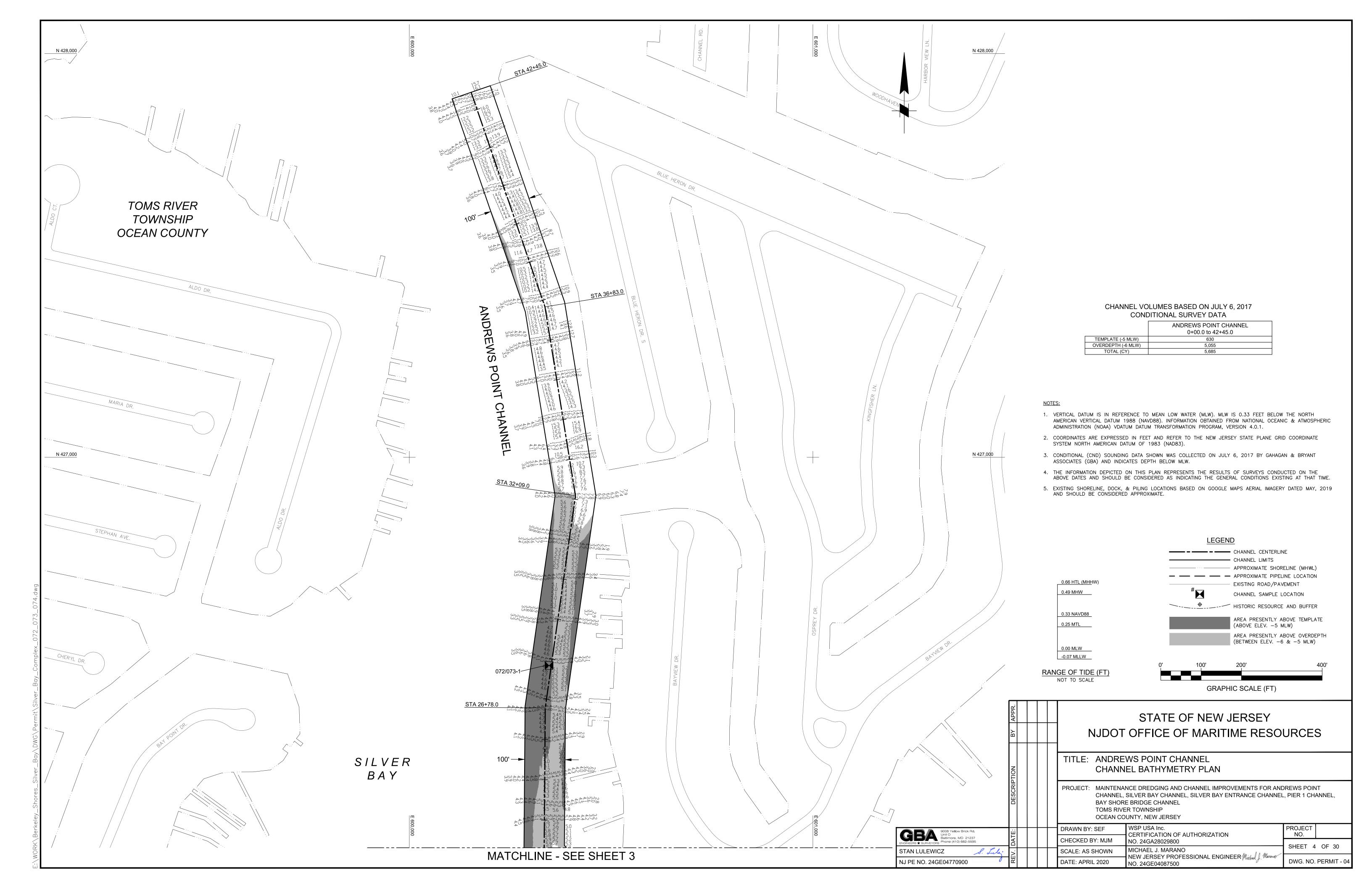
Additional information concerning this permit application may be obtained by contacting Mr. Robert Youhas of my staff at via email at robert.youhas@usace.army.mil, or by phone at 215-656-6729.

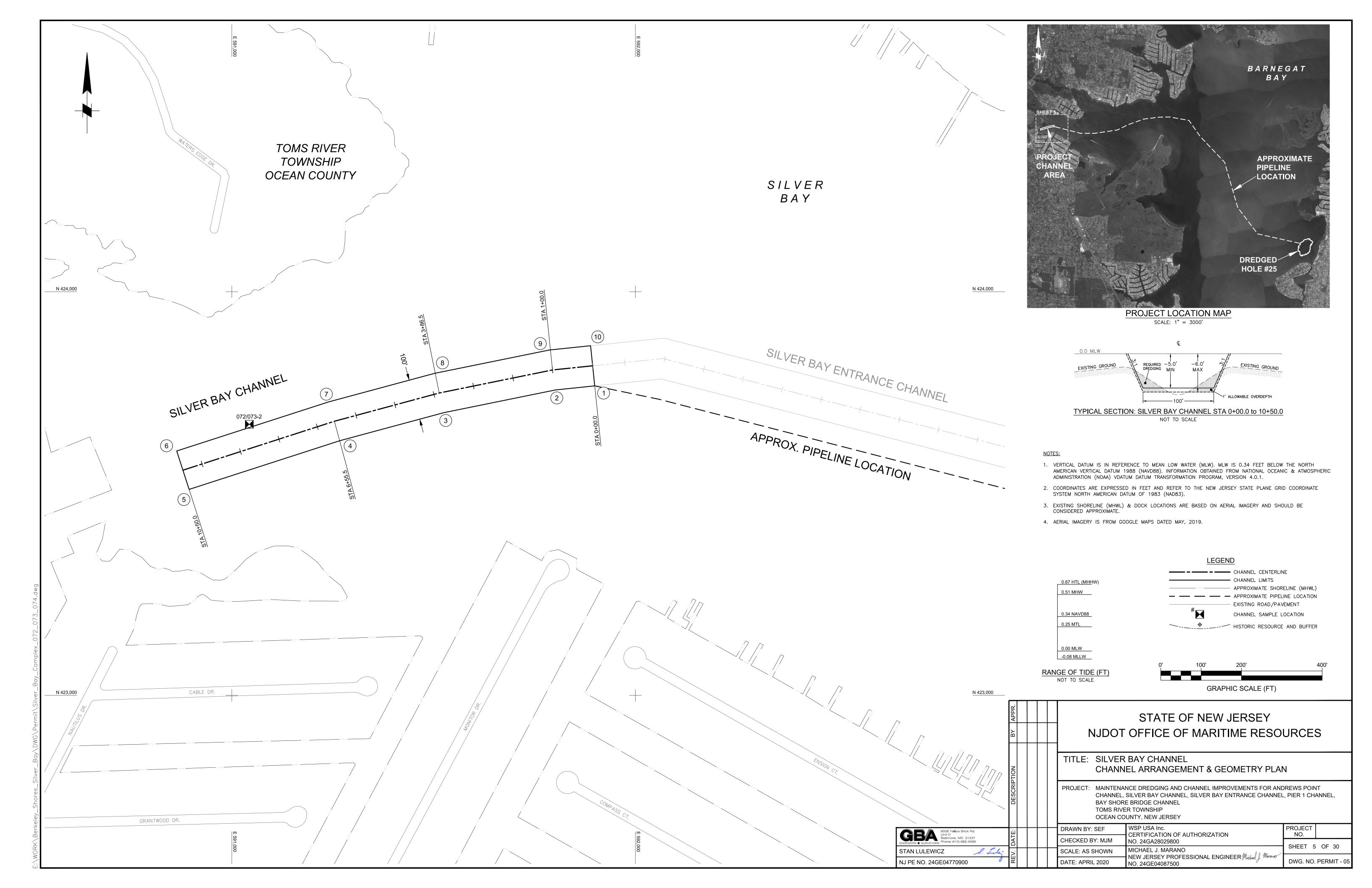
Edward E. Bonner Chief, Regulatory Branch

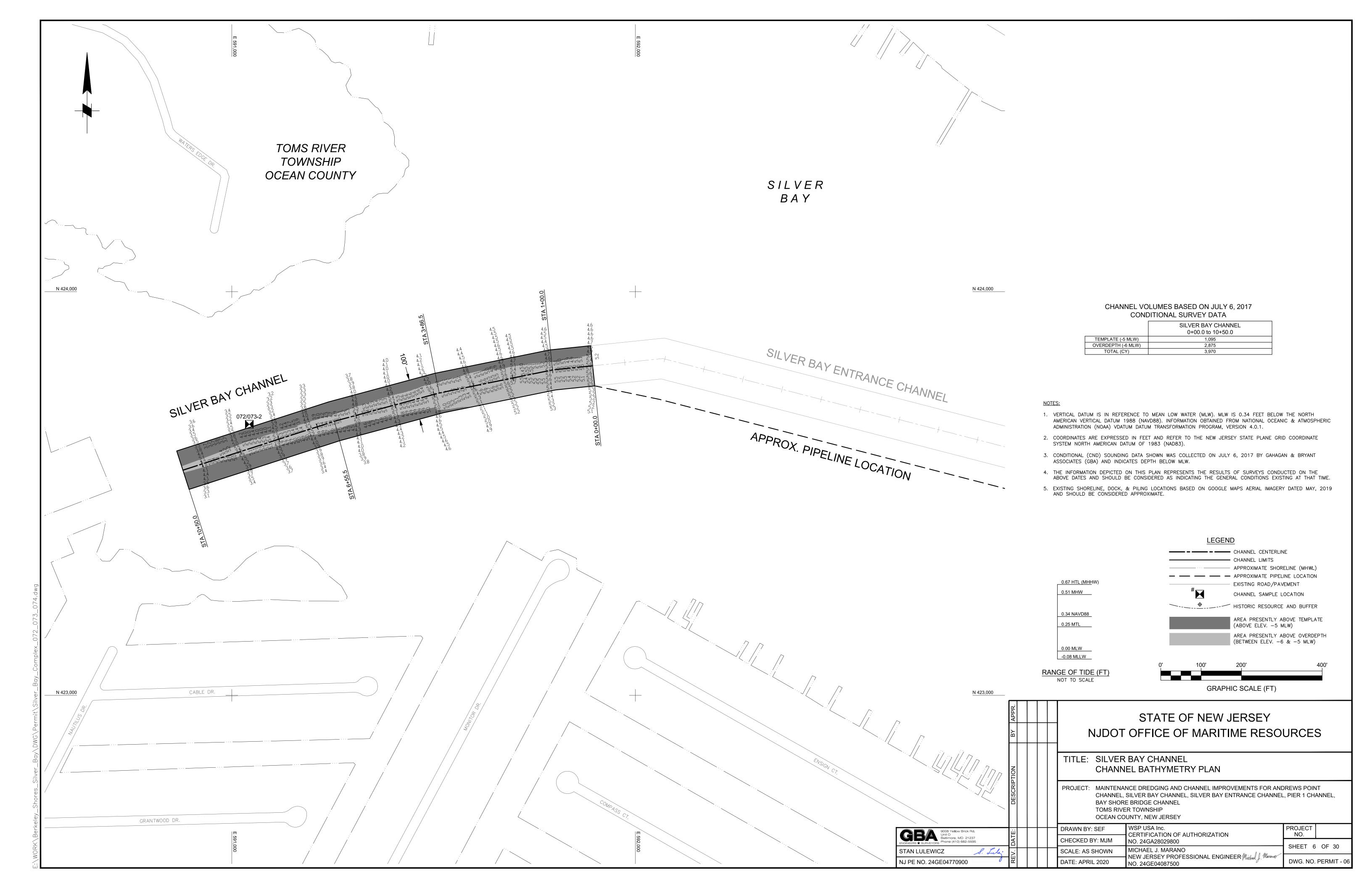


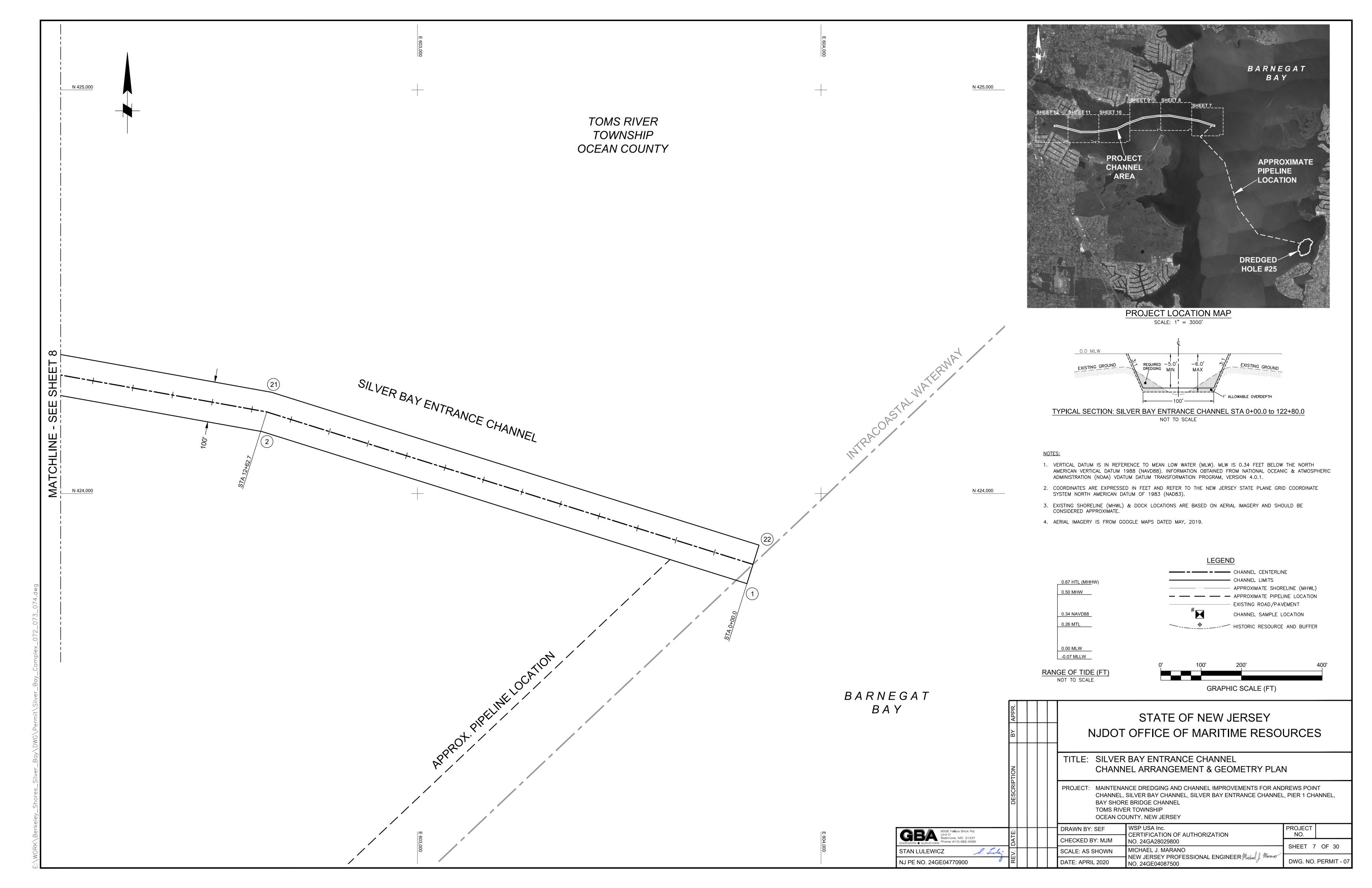


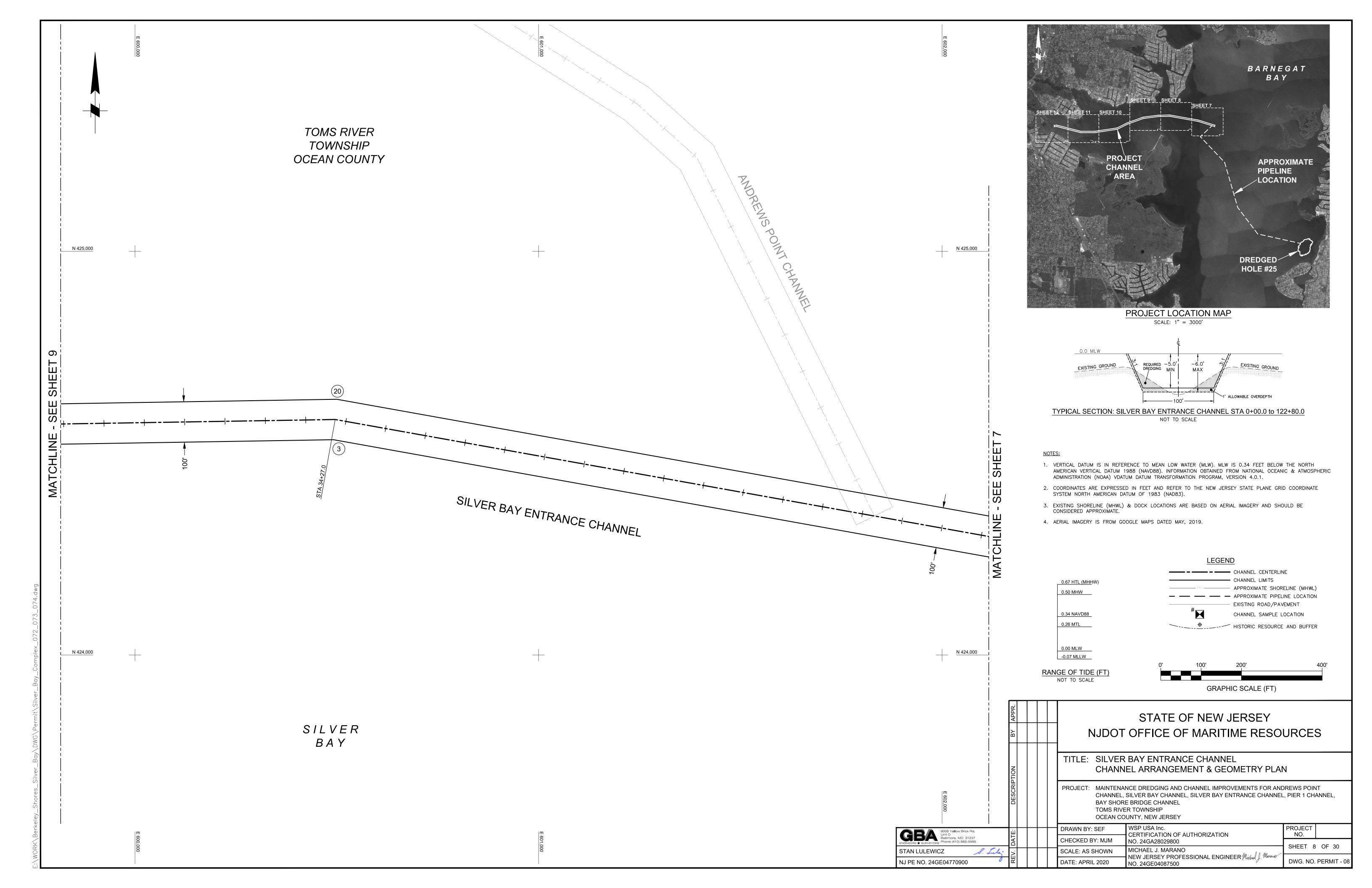


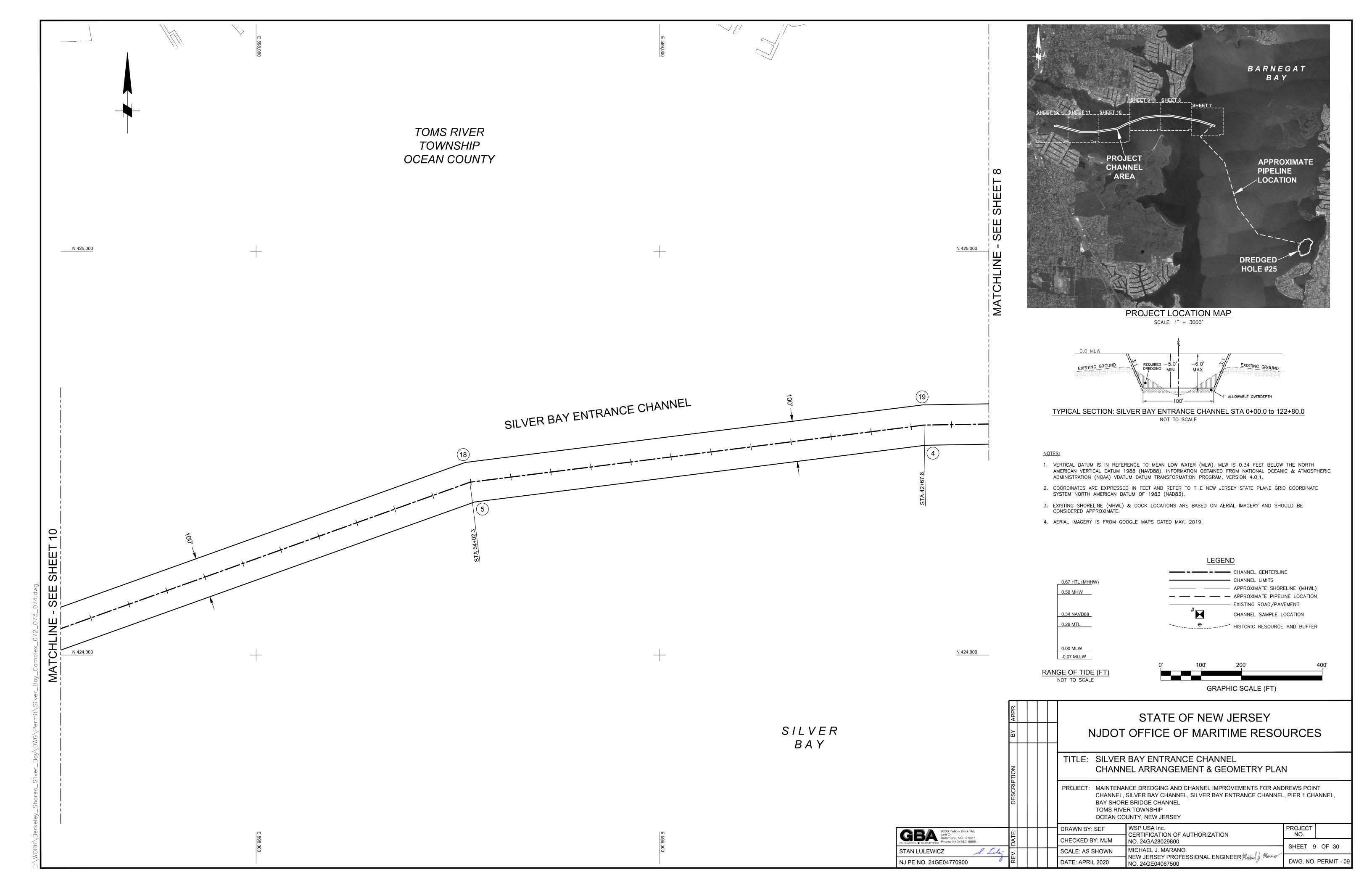


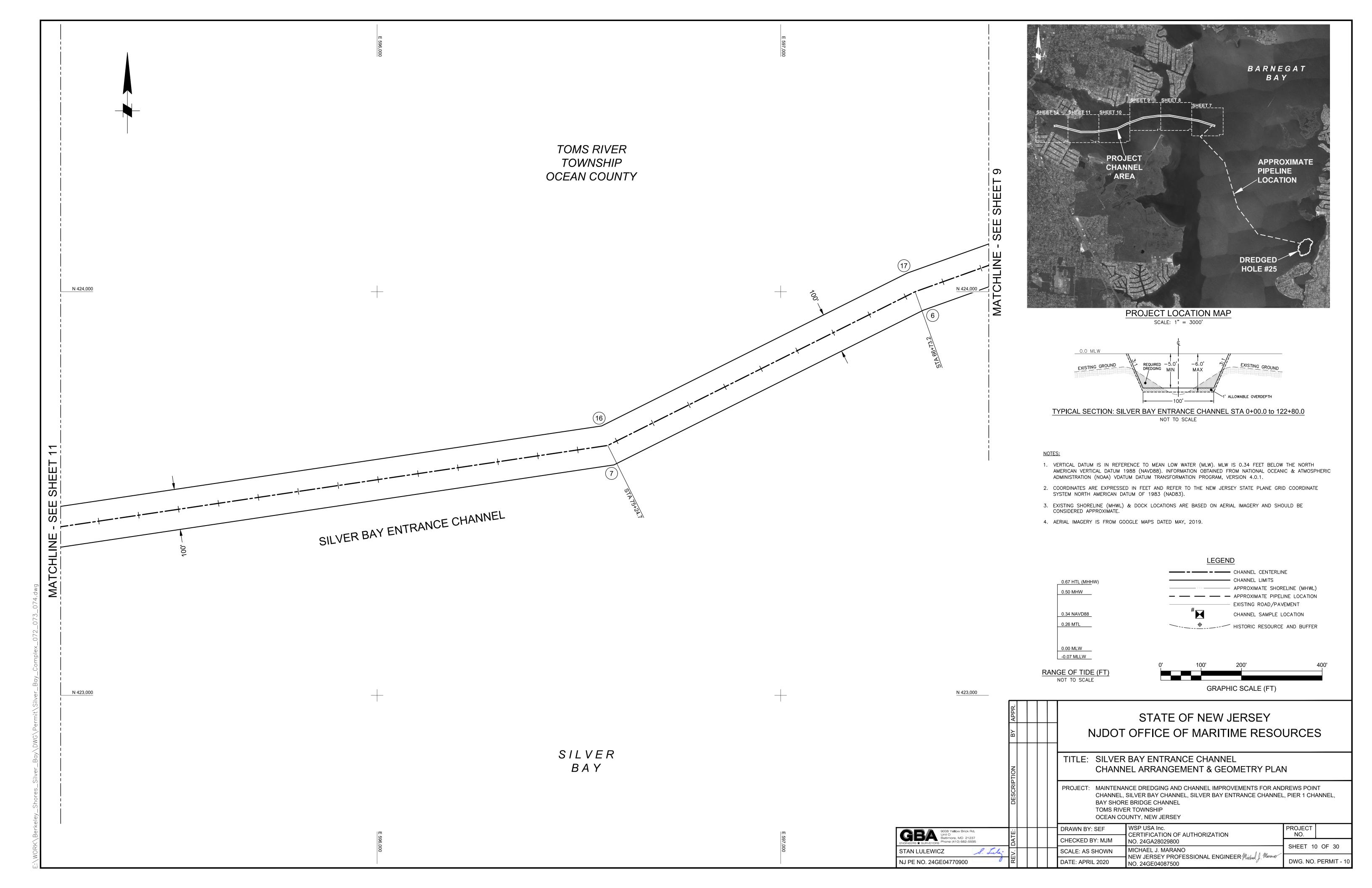


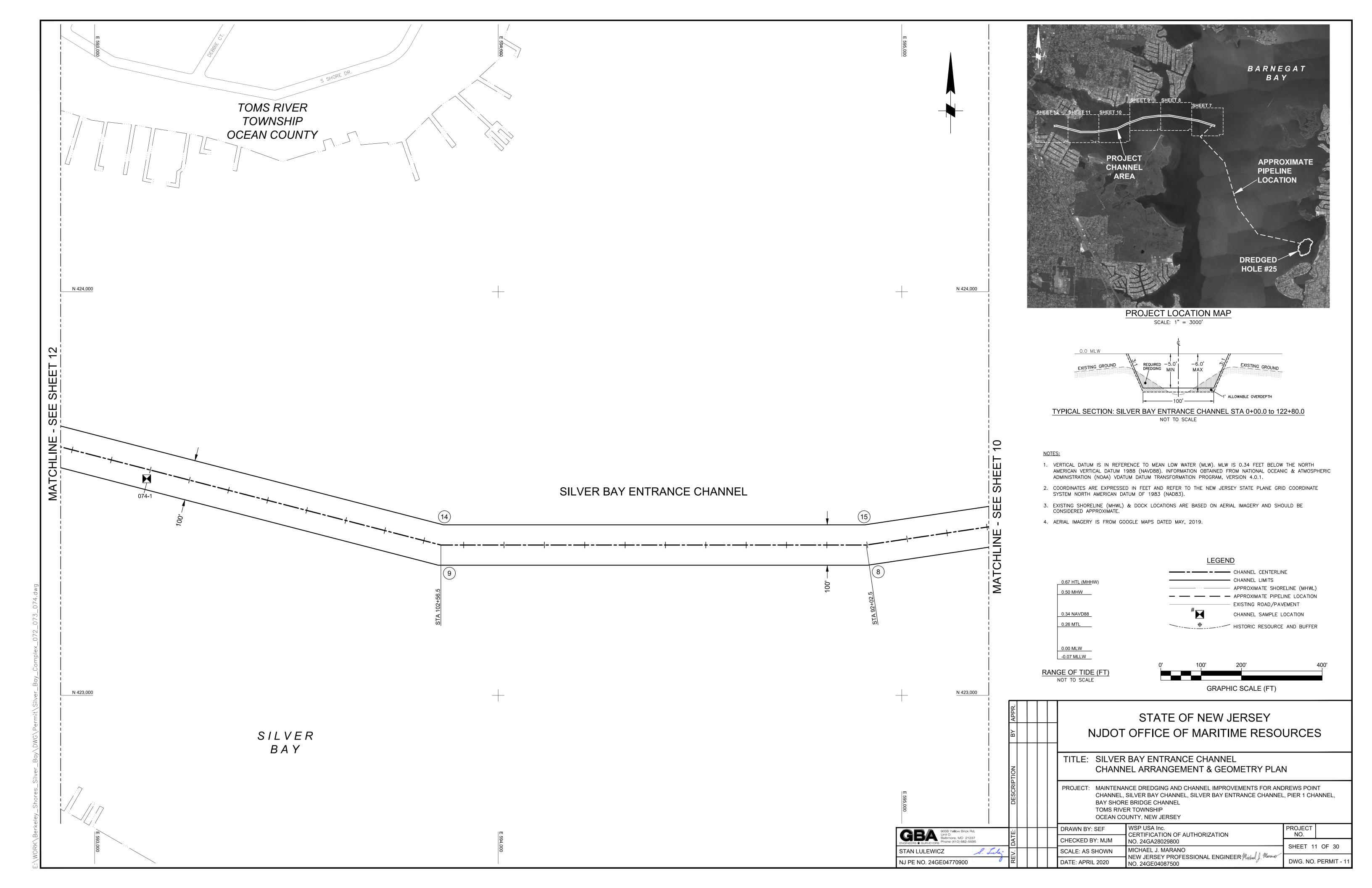


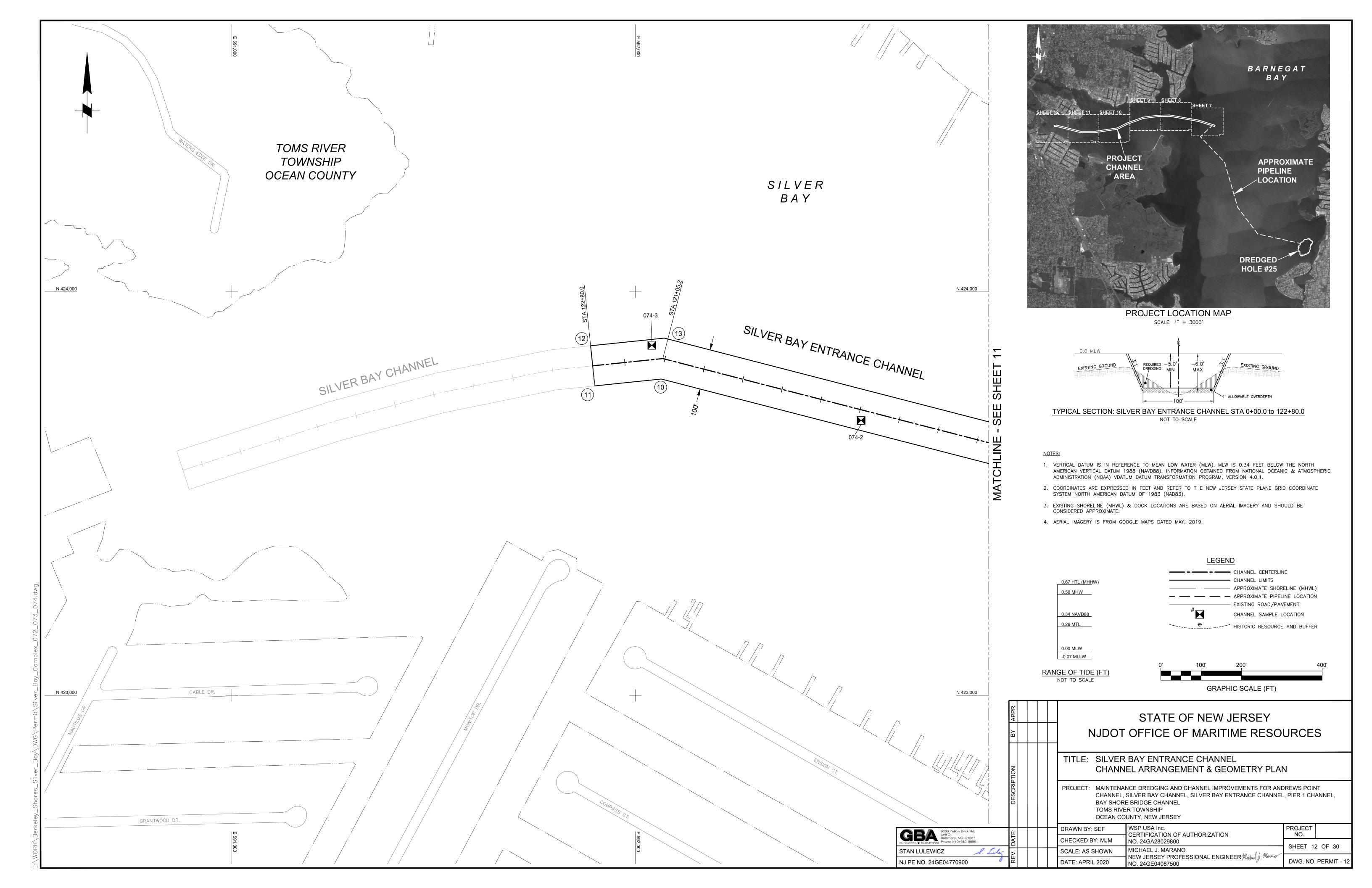


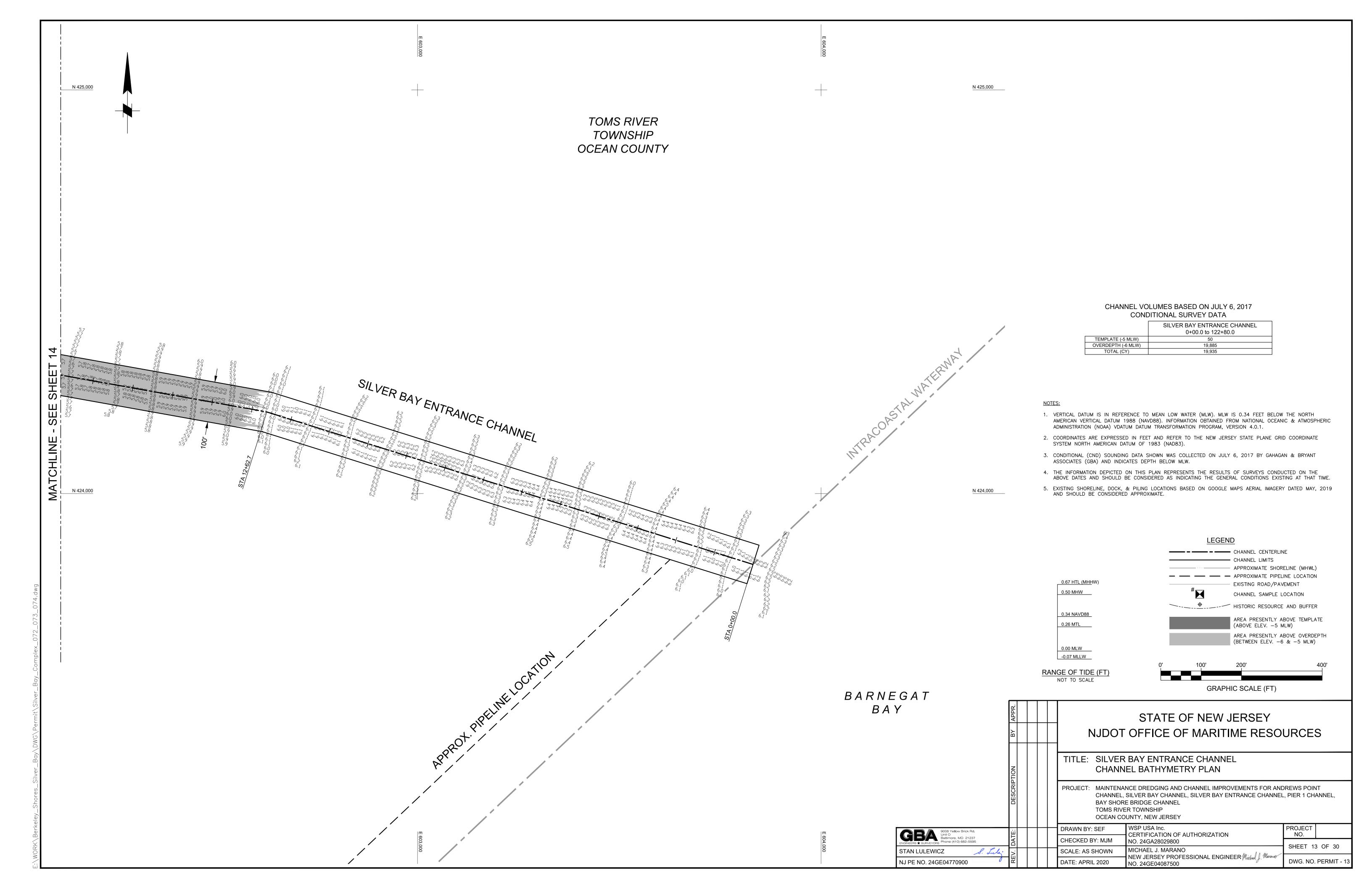


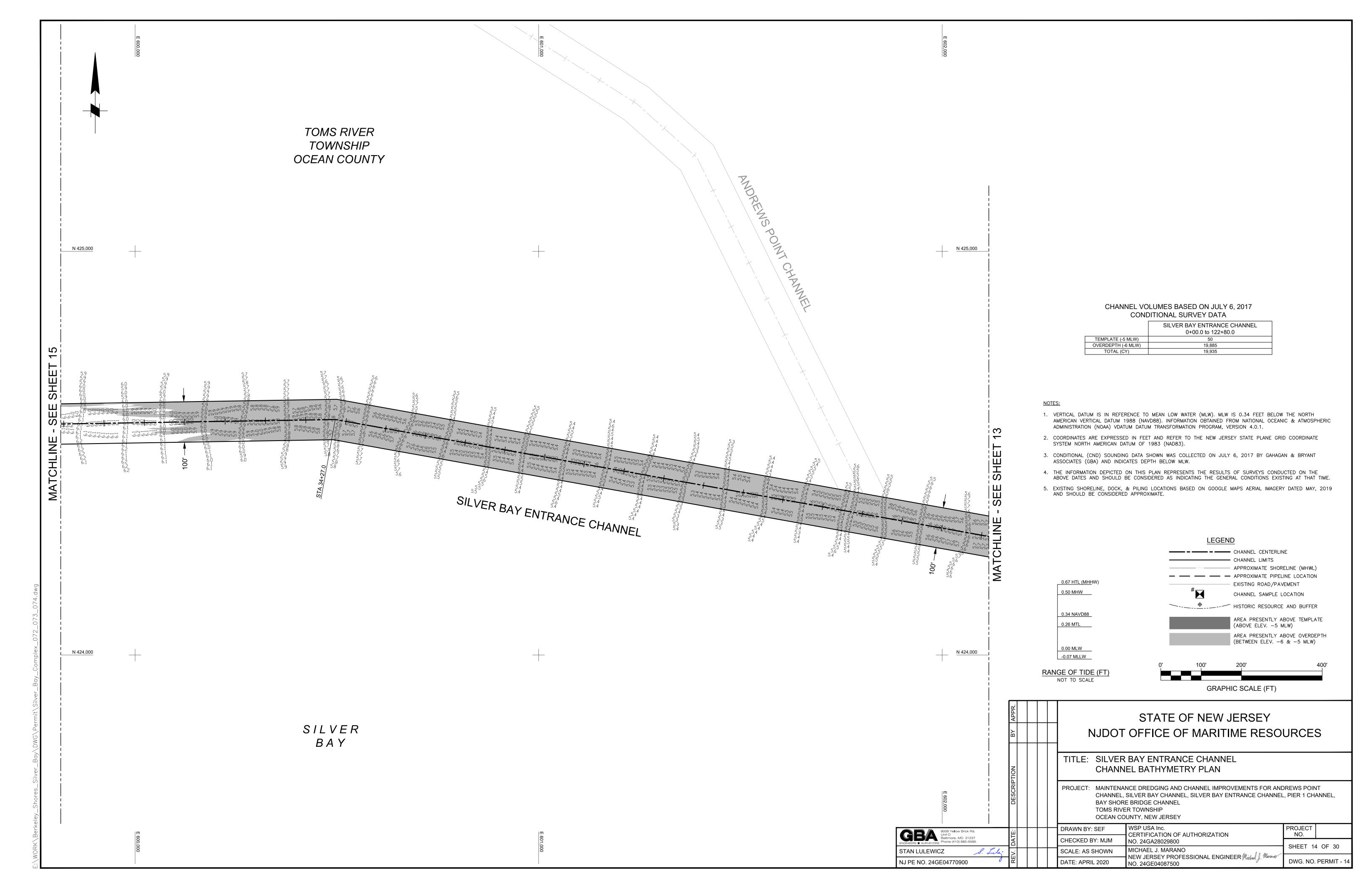


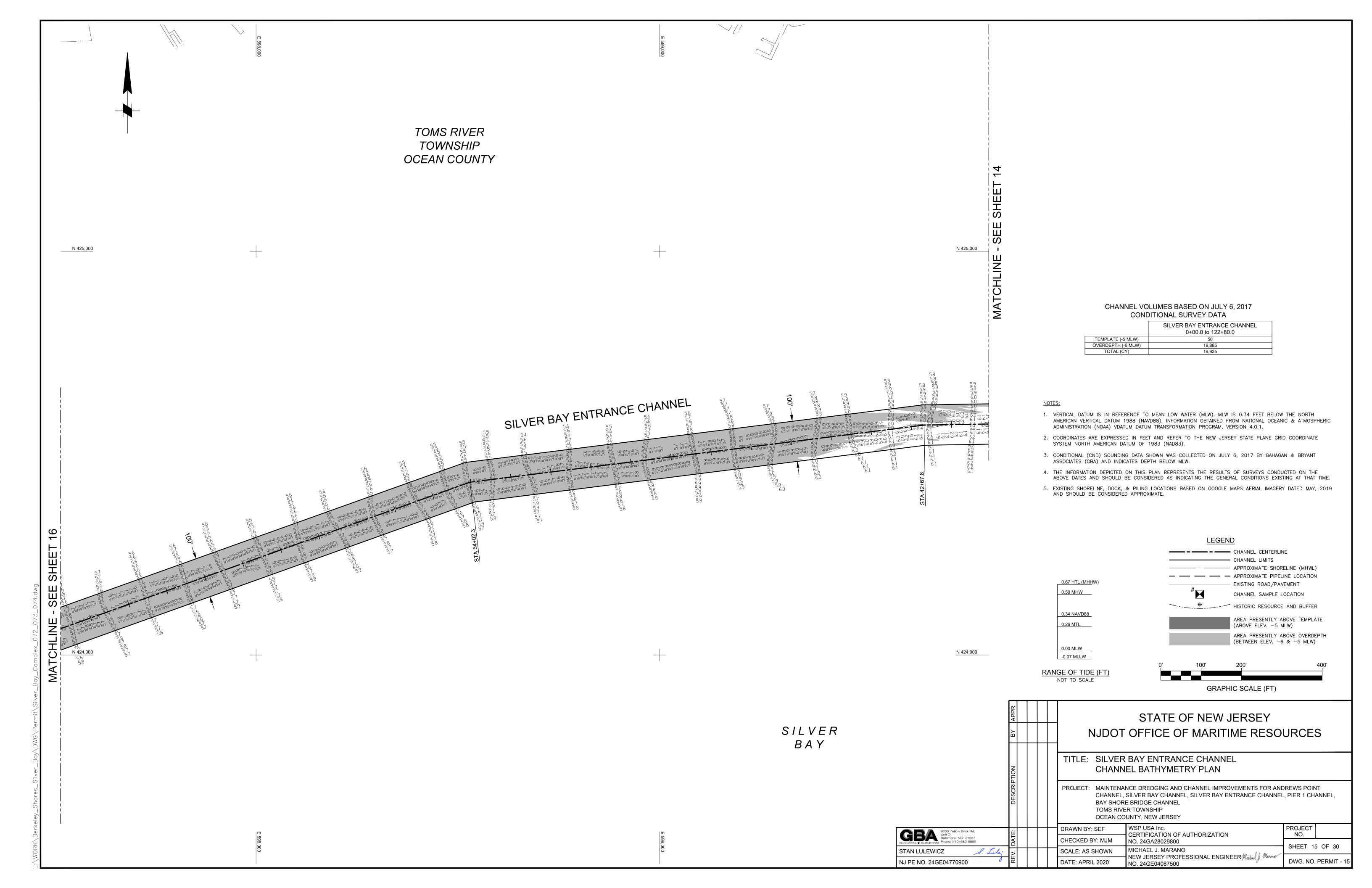


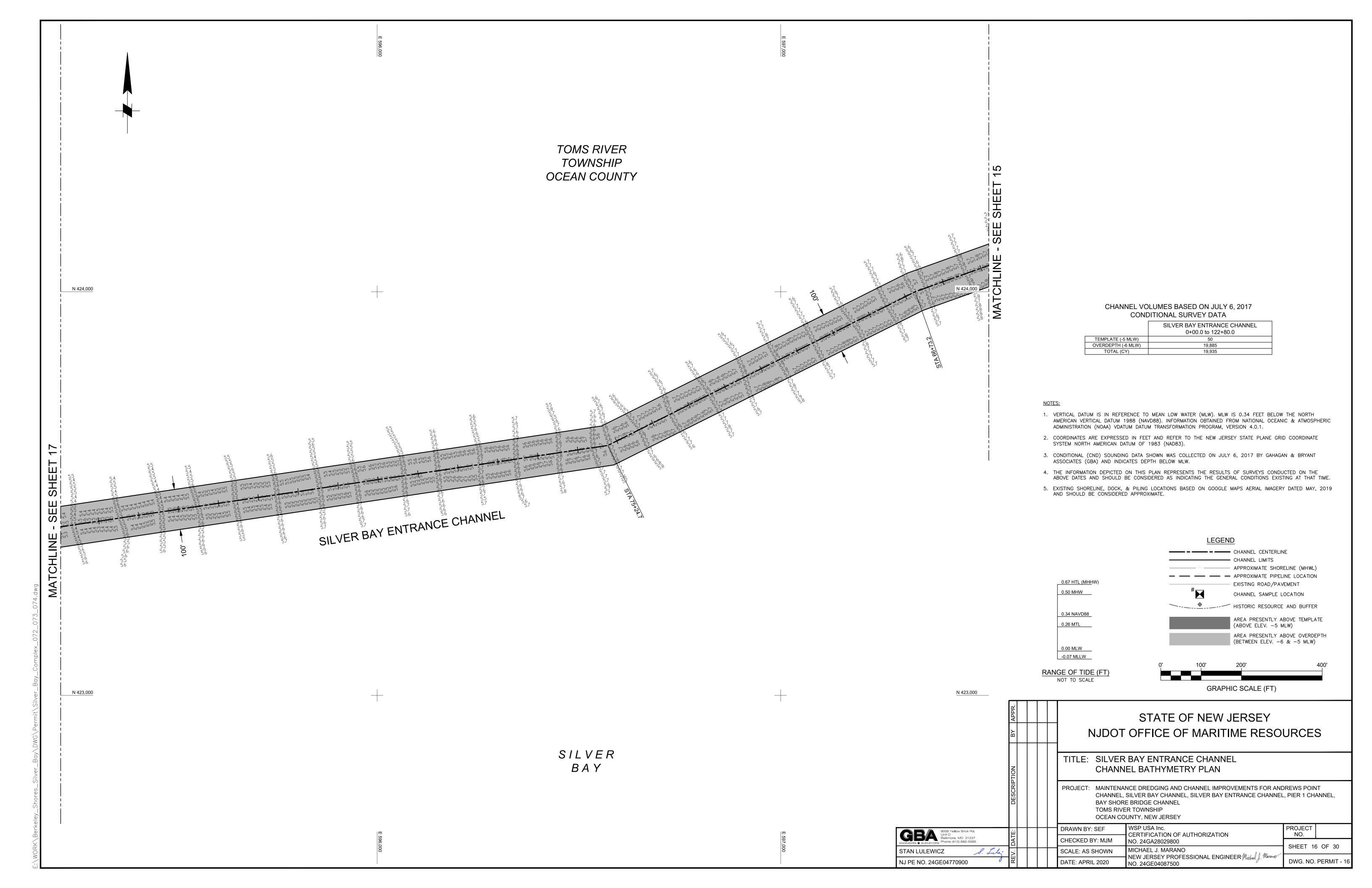


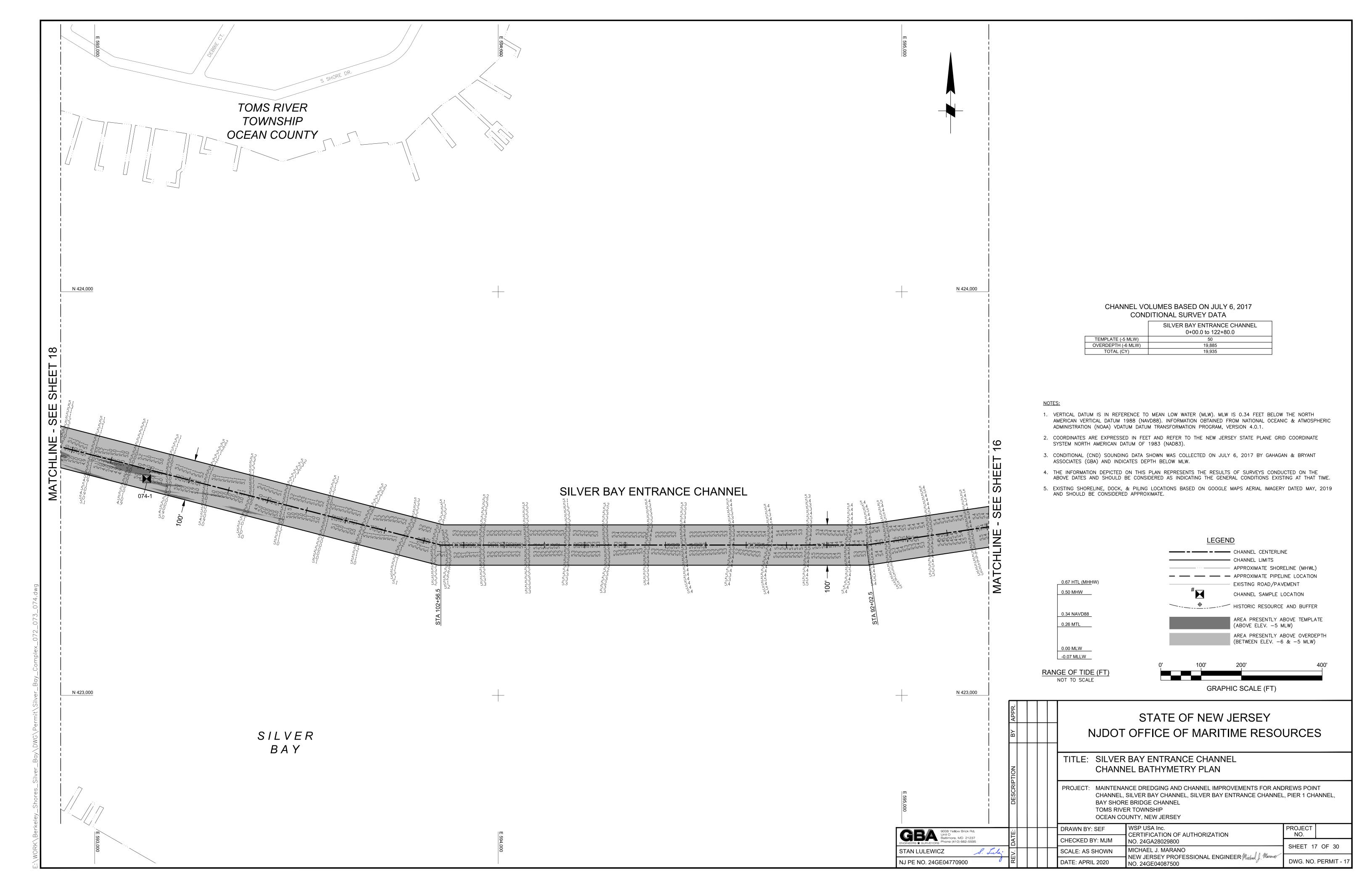


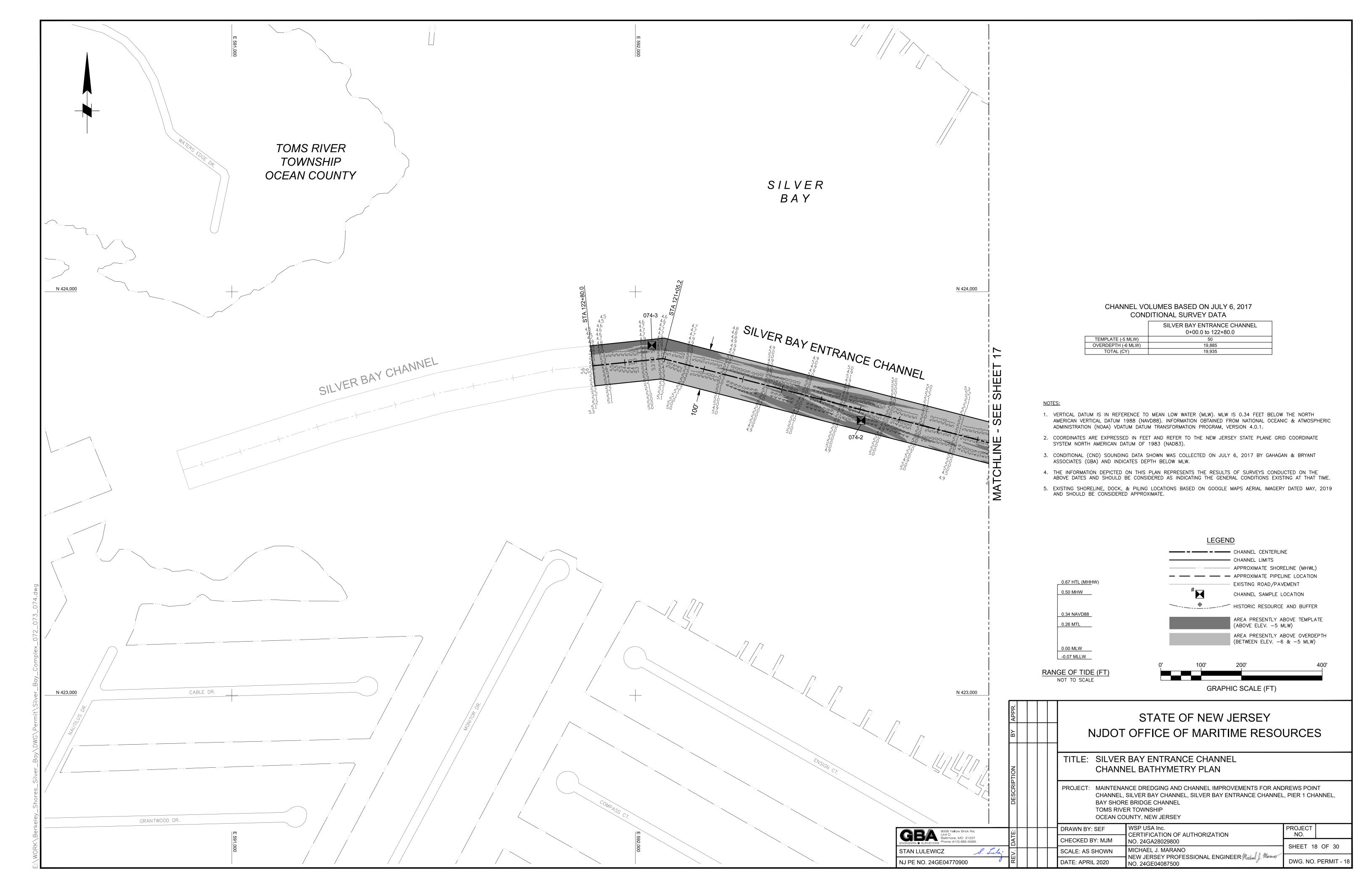


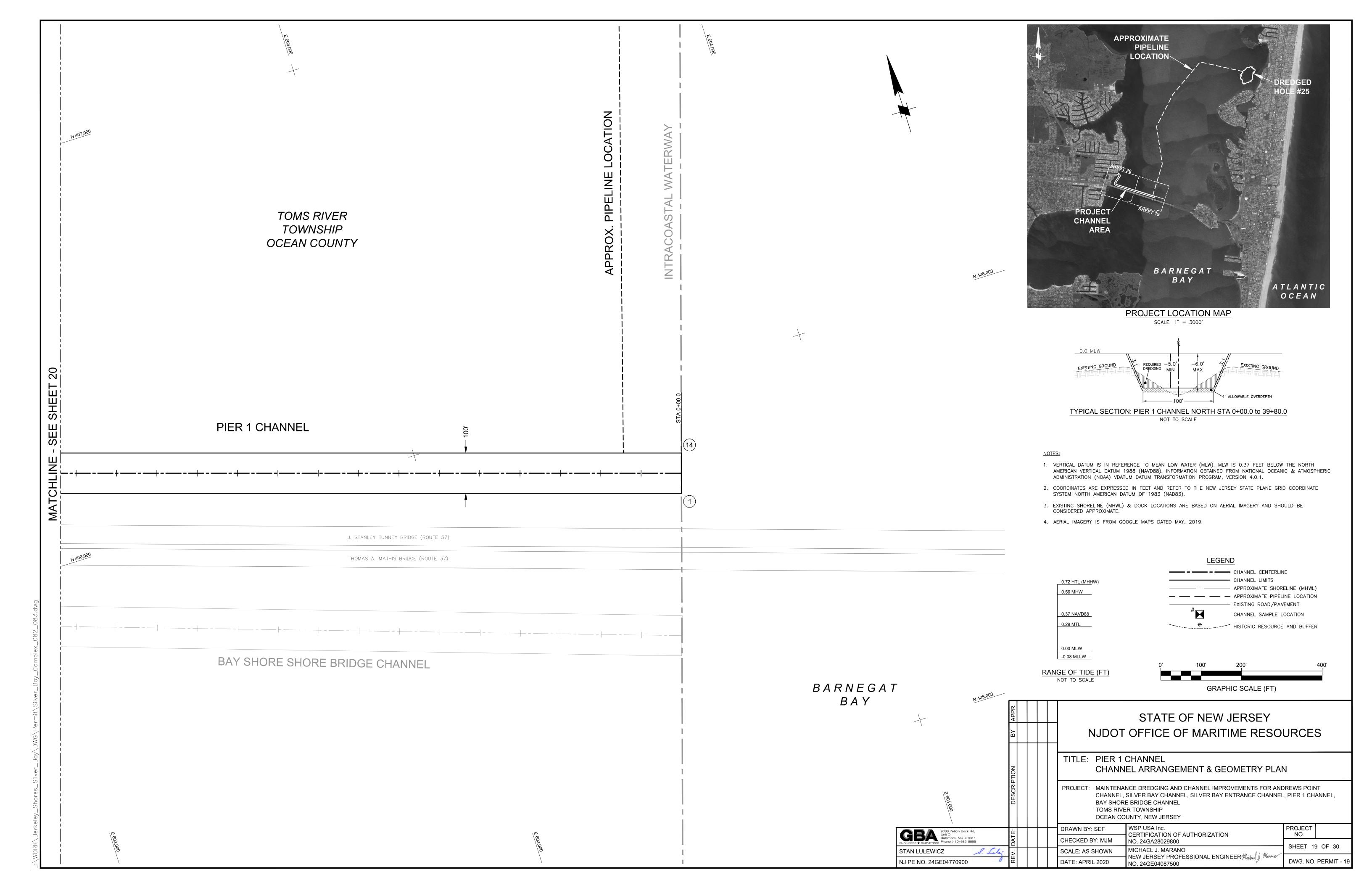


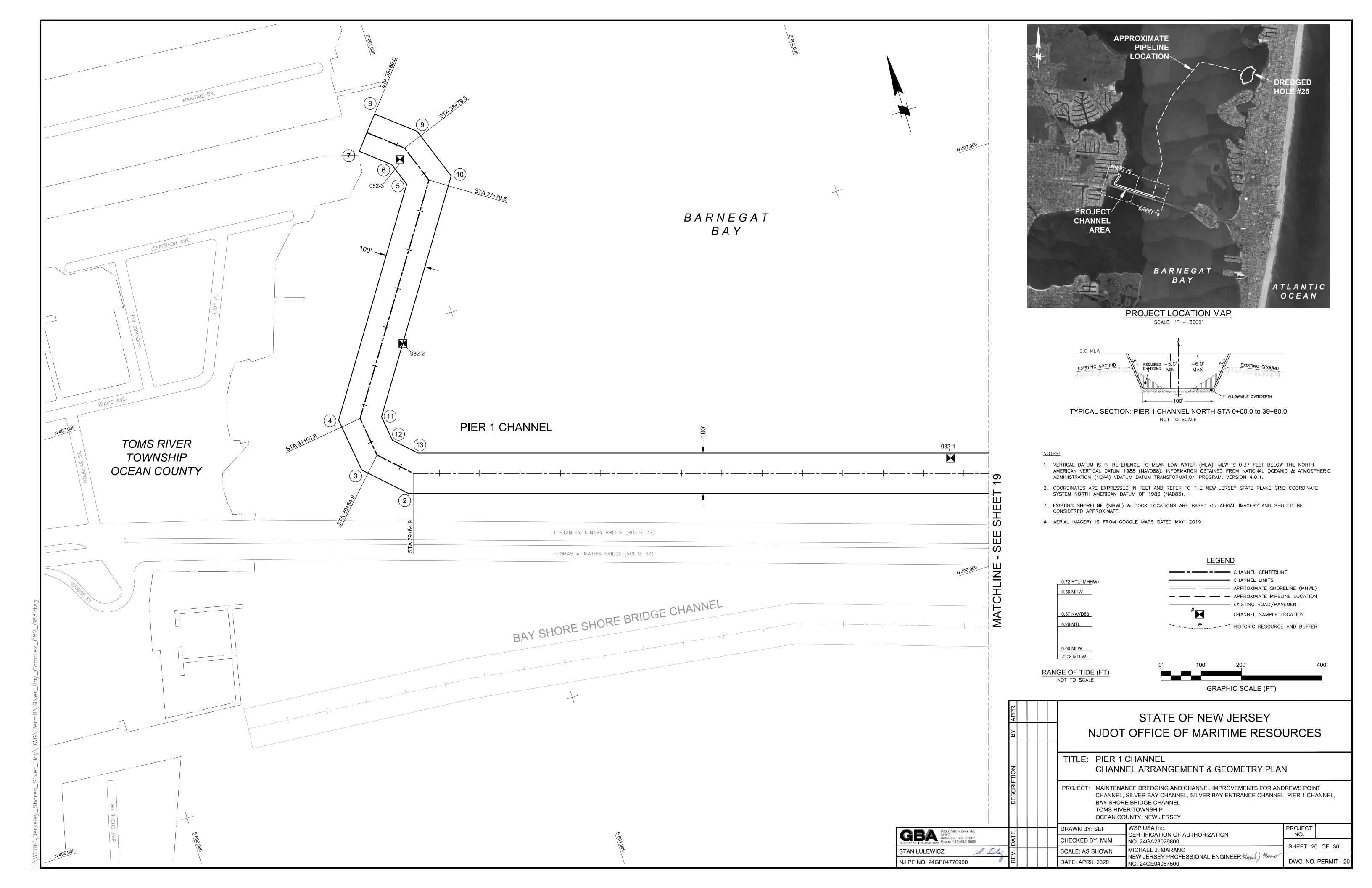


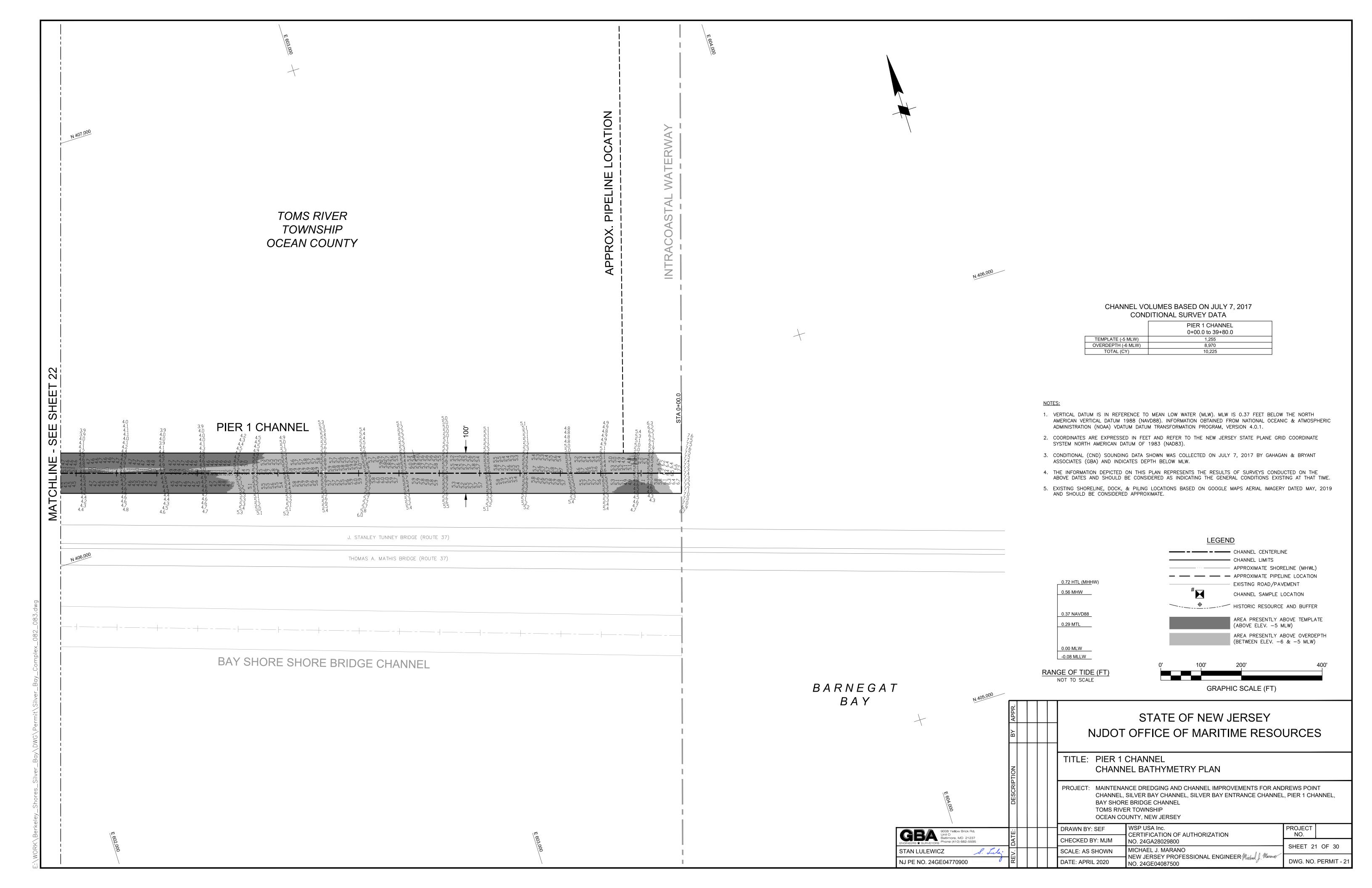


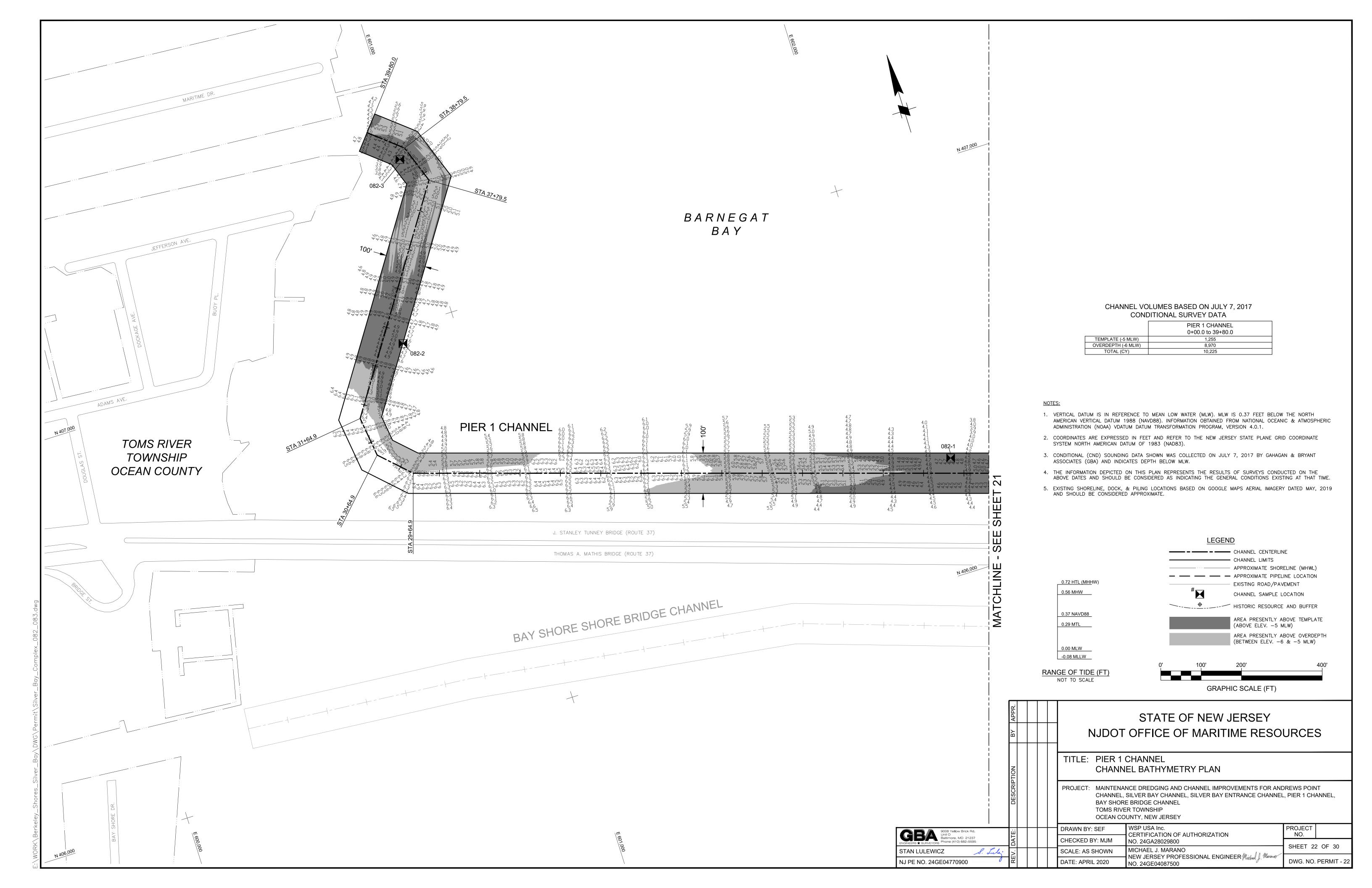


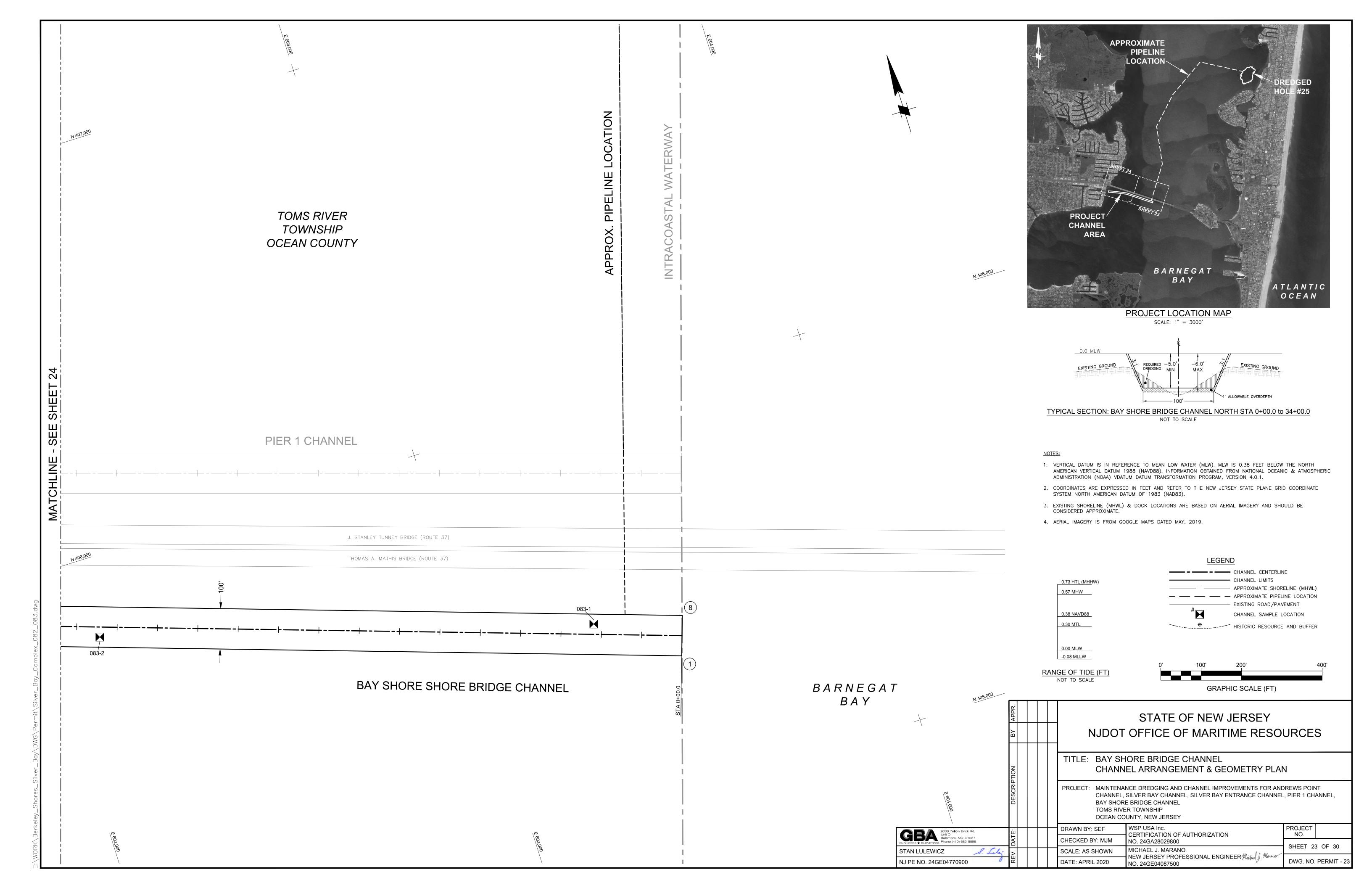


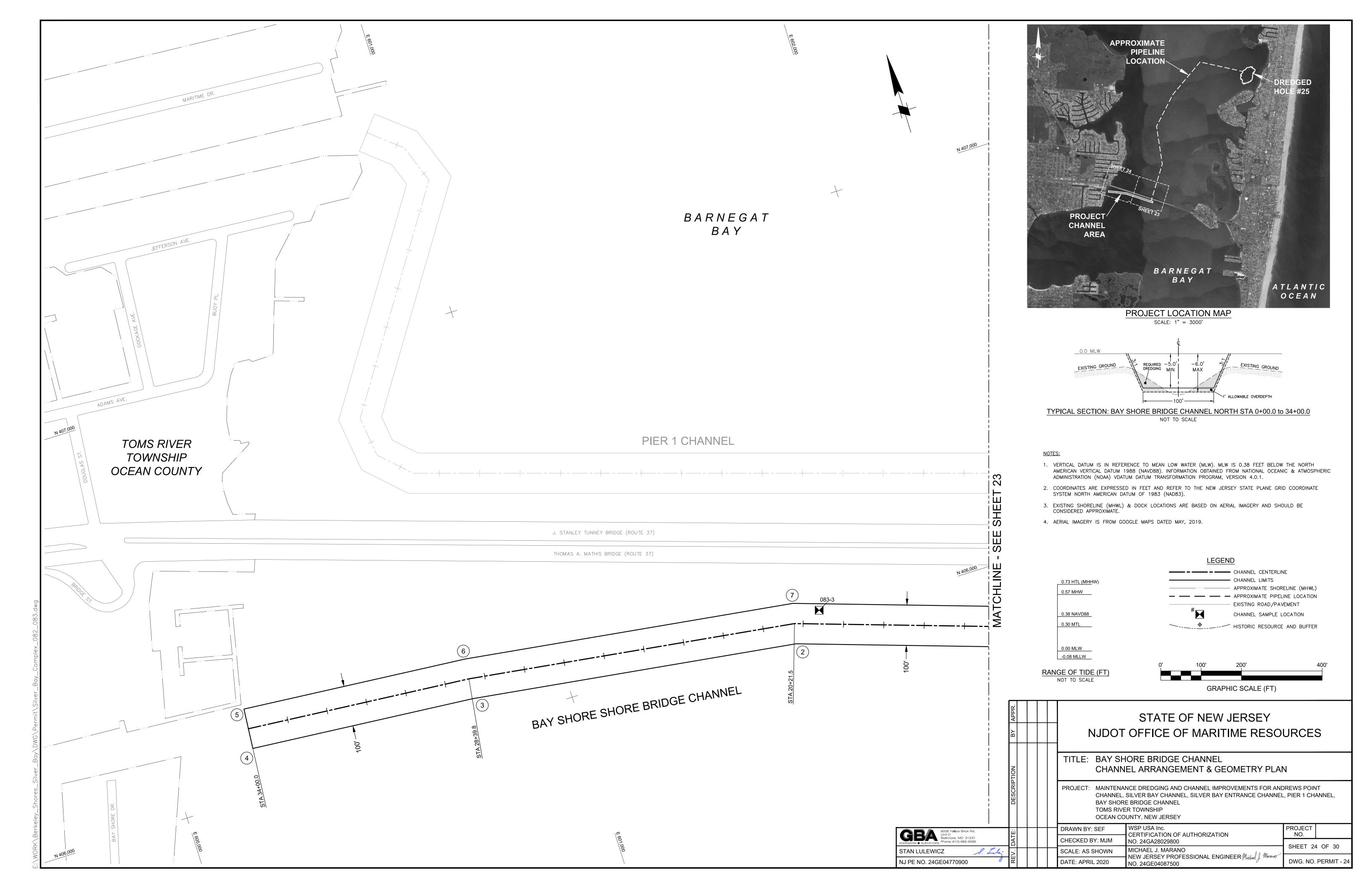


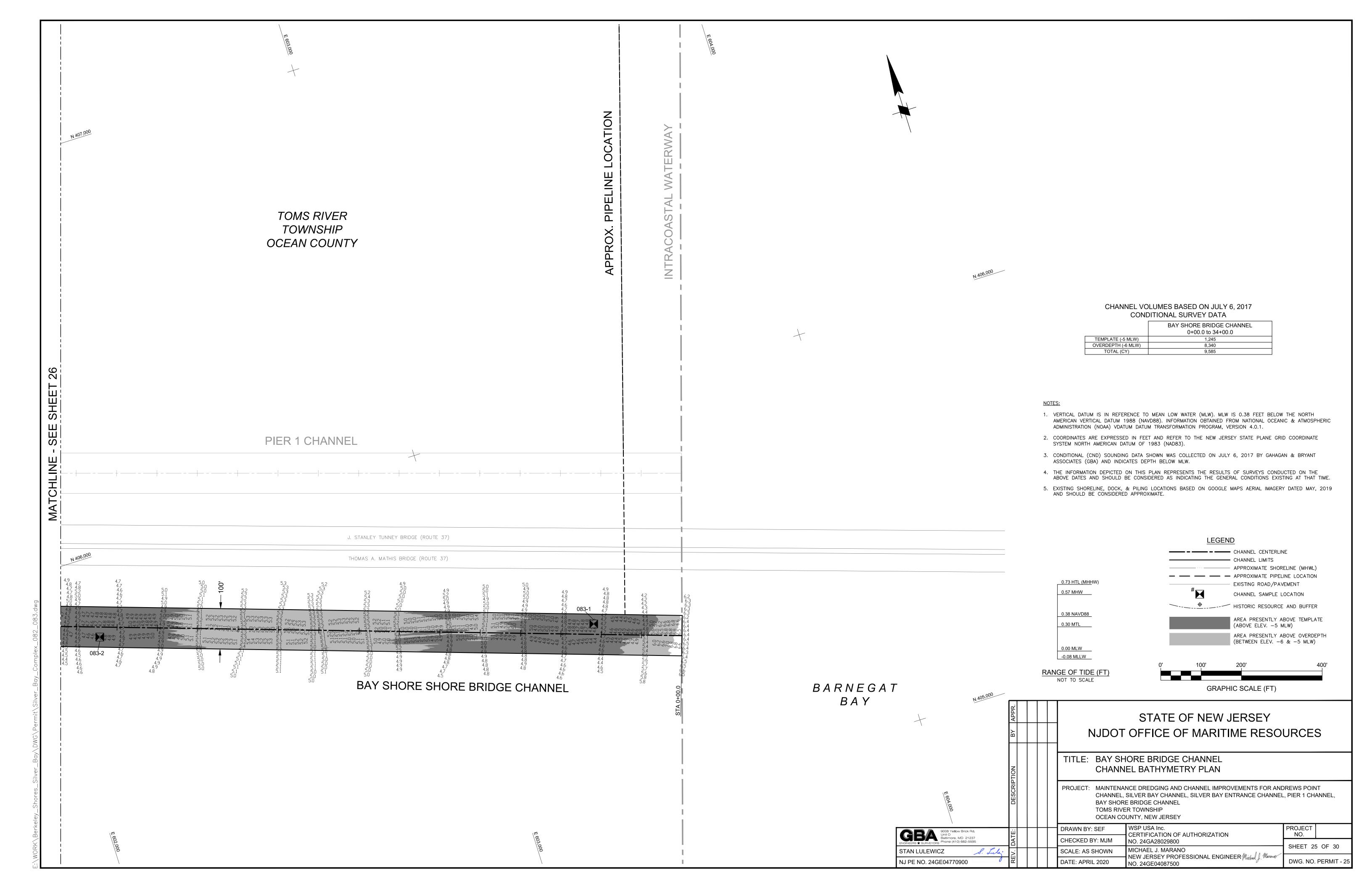


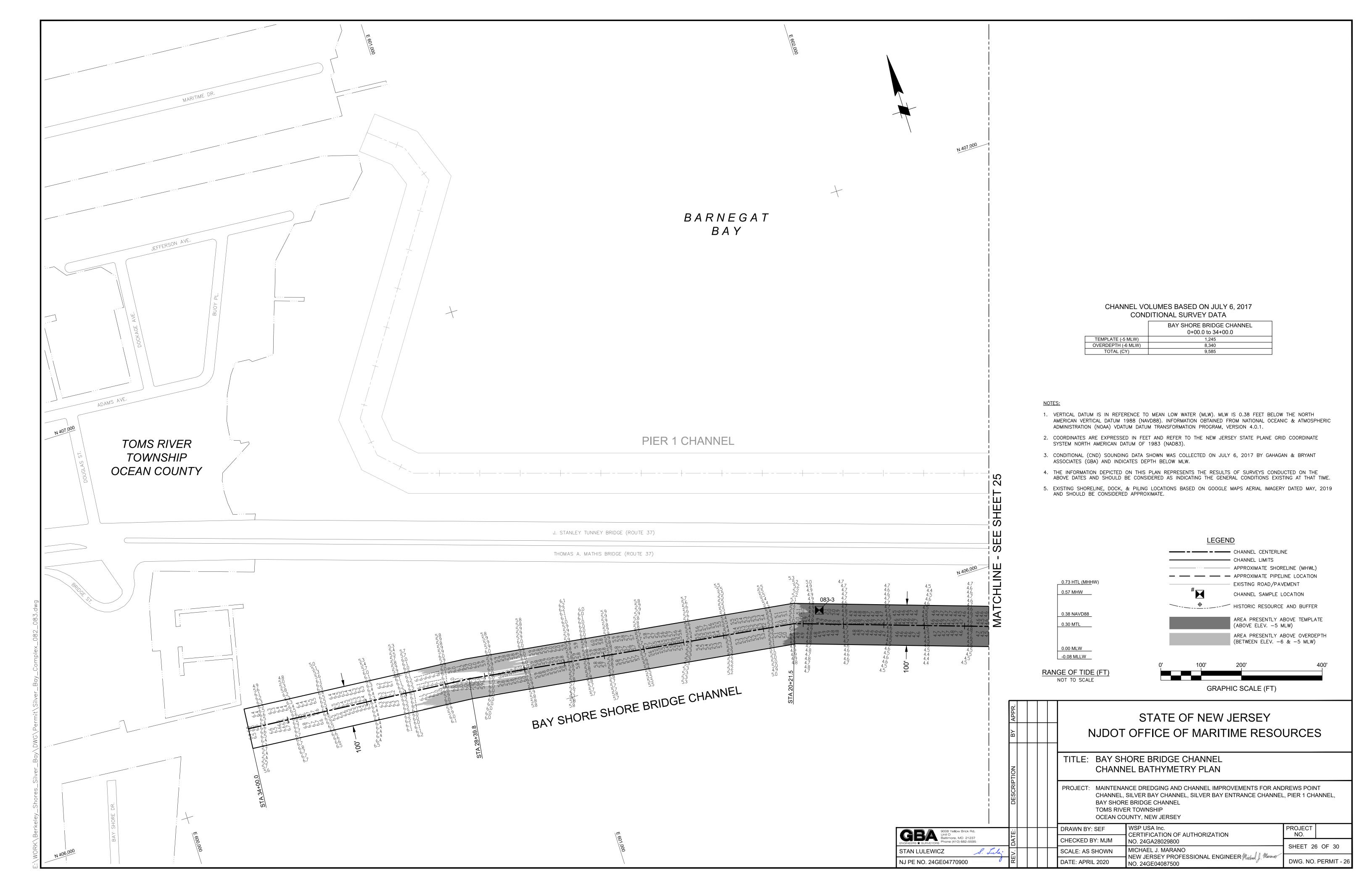












ANDREWS POINT CHANNEL COORDINATES			
POINT	NORTHING	EASTING	
1	424,322.2	601,787.6	
2	425,201.3	601,352.2	
3	425,325.6	601,213.5	
4	425,811.6	600,448.0	
5	426,001.7	600,283.8	
6	426,382.8	600,286.7	
7	426,904.3	600,361.0	
8	427,360.4	600,287.3	
9	427,887.8	600,105.8	
10	427,920.3	600,200.4	
11	427,384.8	600,384.6	
12	426,905.2	600,462.2	
13	426,375.3	600,386.7	
14	426,038.6	600,384.1	
15	425,888.1	600,514.1	
16	425,405.6	601,274.1	
17	425,262.9	601,433.3	
18	424,366.6	601,877.2	

ANDREWS POINT CHANNEL SAMPLE LOCATION COORDINATES				
BORING NORTHING EASTING				
072/073-1 426,483.9 600,346.2				

SILVER BAY CHANNEL CENTERLINE COORDINATES			
STATION NORTHING EASTING			
0+00.0	423,816.6	591,894.2	
1+00	423,806.3	591,794.7	
3+86.5	423,749.2	591,514.0	
6+55.5	423,679.2	591,254.3	
10+50	423,558.0	590,878.8	

SILVER BAY CHANNEL COORDINATES			
POINT	NORTHING	EASTING	
1	423,766.8	591,899.4	
2	423,756.8	591,802.3	
3	423,700.5	591,525.5	
4	423,631.2	591,268.4	
5	423,510.4	590,894.2	
6	423,605.5	590,863.5	
7	423,727.1	591,240.1	
8	423,797.9	591,502.5	
9	423,855.8	591,787.2	
10	423,866.3	591,889.1	

SILVER BAY CHANNEL SAMPLE LOCATION COORDINATES					
BORING NORTHING EASTING					
072 / 073-2 423,671.6 591,043.4					
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SILVER BAY ENTRANCE CHANNEL CENTERLINE COORDINATES			
STATION NORTHING EASTING			
0+00.0	423,824.5	603,831.6	
12+62.7	424,202.3	602,626.7	
34+27.0	424,583.5	600,496.2	
42+67.8	424,569.8	599,655.5	
54+02.3	424,428.1	598,529.9	
66+73.2	424,000.0	597,333.3	
75+24.7 423,619.2 59		596,571.7	
92+02.5	423,372.5	594,912.1	
102+56.5	423,372.5	593,858.1	
121+05.2	423,834.5	592,068.0	
122+80.0	423,816.6	591,894.2	

SILVER BAY ENTRANCE CHANNEL COORDINATES		
POINT	NORTHING	EASTING
1	423,776.8	603,816.6
2	424,153.6	602,614.7
3	424,533.5	600,492.2
4	424,519.8	599,659.0
5	424,379.2	598,541.6
6	423,954.0	597,352.9
7	423,570.9	596,586.9
8	423,322.5	594,915.8
9	423,322.5	593,851.8
10	423,783.9	592,064.3
11	423,766.8	591,899.4
12	423,866.3	591,889.1
13	423,885.2	592,071.8
14	423,422.5	593,864.5
15	423,422.5	594,908.5
16	423,667.5	596,556.4
17	424,046.1	597,313.6
18	424,477.1	598,518.2
19	424,619.7	599,652.0
20	424,633.6	600,500.2
21	424,251.0	602,638.6
22	423,872.2	603,846.5

	SILVER BAY ENTRANCE CHANNEL SAMPLE LOCATION COORDINATES			
	BORING NORTHING EASTING			
074-1 423,536.7 593,129				
	074-2	423,681.2	592,559.4	
	074-3 423,867.3 592,040.8			

PIER 1 CHANNEL CENTERLINE COORDINATES			
STATION	NORTHING	EASTING	
0+00.0	405,760.0	603,619.0	
29+64.9	406,647.5	600,790.1	
30+64.9	406,717.1	600,718.3	
31+64.9	406,816.2	600,705.2	
37+79.5	407,328.6	601,044.7	
38+79.5	407,422.6	601,010.7	
39+80.0	407,486.8	600,933.4	

PIER 1 CHANNEL COORDINATES		
POINT	NORTHING	EASTING
1	405,712.3	603,604.0
2	406,603.3	600,763.8
3	406,693.3	600,670.9
4	406,828.2	600,653.2
5	407,335.2	600,989.1
6	407,392.8	600,968.3
7	407,448.3	600,901.5
8	407,525.3	600,965.3
9	407,452.4	601,053.2
10	407,321.9	601,100.2
11	406,804.2	600,757.2
12	406,740.9	600,765.6
13	406,691.6	600,816.3
14	405,807.7	603,634.0

PIER 1 CHANNEL SAMPLE LOCATION COORDINATES		
BORING	NORTHING	EASTING
082-1	406,284.7	602,072.1
082-2	406,961.5	600,861.8
082-3	407,398.9	600,991.2

BAY SHORE BRIDGE CHANNEL CENTERLINE COORDINATES			
STATION NORTHING EASTING			
0+00.0	405,375.7	603,499.8	
20+21.5	406,009.2	601,580.1	
28+39.8	406,120.0	600,769.3	
34+00.0	406,165.6	600,211.0	

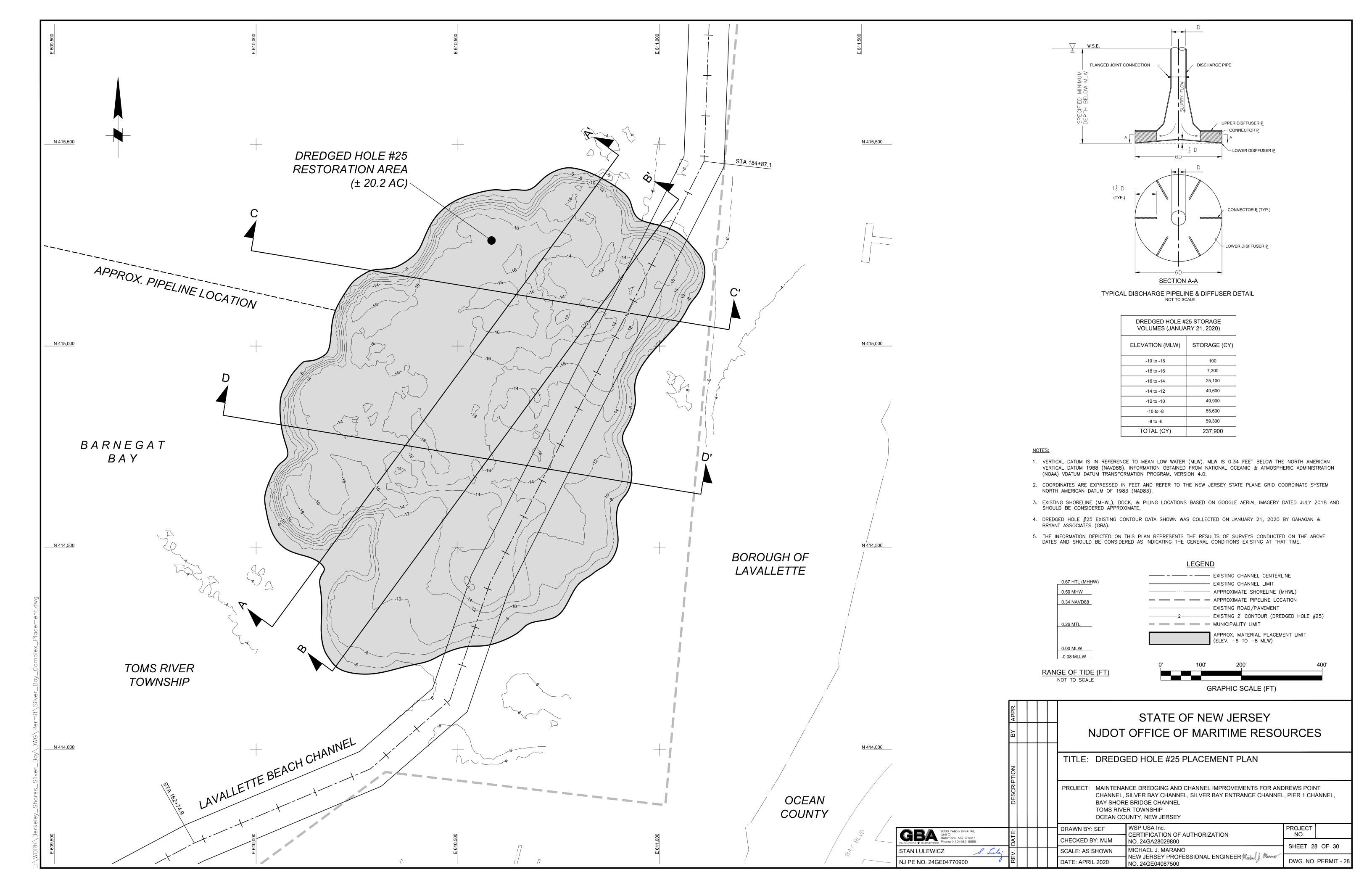
BAY SHORE BRIDGE CHANNEL COORDINATES						
POINT	NORTHING	EASTING				
1	405,328.2	603,484.1				
2	405,960.3	601,568.8				
3	406,070.3	600,763.9				
4	406,115.8	600,206.9				
5	406,215.4	600,215.1				
6	406,169.7	600,774.7				
7	406,058.1	601,591.5				
8	405,423.2	603,515.5				

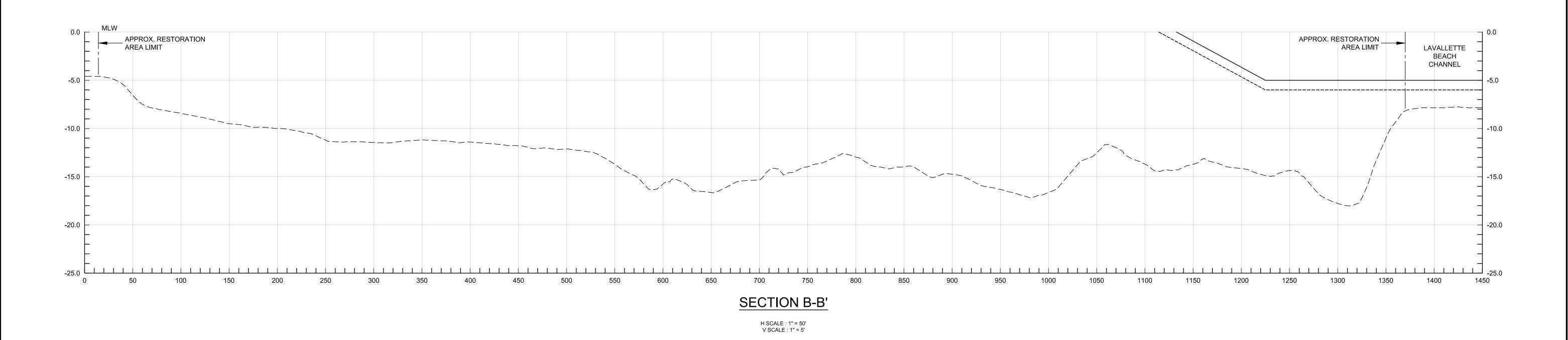
		BAY SHORE BRIDGE CHANNEL SAMPLE LOCATION COORDINATES								
	BORING	NORTHING	EASTING 603,299.8							
	083-1	405,468.6								
	083-2	405,804.1	602,122.2							
Ī	083-3	406,022.4	601,648.5							

NOTES:

 COORDINATES ARE EXPRESSED IN FEET AND REFER TO THE NEW JERSEY STATE PLANE GRID COORDINATE SYSTEM NORTH AMERICAN DATUM OF 1983 (NAD83).

	APPR.			STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES				
	ВУ							
	DESCRIPTION		TITLE: CHANNEL GEOMETRY & SAMPLING LOCATION COORDINATE TABLES					
			PROJECT: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR ANDREWS POINT CHANNEL, SILVER BAY CHANNEL, SILVER BAY ENTRANCE CHANNEL, PIER 1 CHANNEL, BAY SHORE BRIDGE CHANNEL TOMS RIVER TOWNSHIP OCEAN COUNTY, NEW JERSEY					
9008 Yellow Brick Rd. Unit O	انب			DRAWN BY: SEF	WSP USA Inc. CERTIFICATION OF AUTHORIZATION	PROJECT NO.		
Baltimore, MD 21237 surveyors Phone (410) 682-5595	DATE			CHECKED BY: MJM	NO. 24GA28029800			
JLEWICZ S. Luly				SCALE: AS SHOWN	MICHAEL J. MARANO	SHEET 27 OF 30		
O. 24GE04770900	REV.			DATE: APRIL 2020	NEW JERSEY PROFESSIONAL ENGINEER Michael J. Marino NO. 24GE04087500	DWG. NO. PERMIT - 27		







NOTE:

1. VERTICAL DATUM IS IN REFERENCE TO MEAN LOW WATER (MLW). MLW IS 0.34 FEET BELOW THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). INFORMATION OBTAINED FROM NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION (NOAA) VDATUM DATUM TRANSFORMATION PROGRAM, VERSION 4.0.

2. THE INFORMATION DEPICTED ON THIS PLAN REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON THE ABOVE DATES AND SHOULD BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

0.67 HTL (MHHW)

0.50 MHW

0.34 NAVD88

0.26 MTL

0.00 MLW

-0.08 MLLW

RANGE OF TIDE (FT)

NOT TO SCALE

STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES

TITLE: DREDGED HOLE #25 CROSS SECTIONS

PROJECT: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR ANDREWS POINT CHANNEL, SILVER BAY CHANNEL, SILVER BAY ENTRANCE CHANNEL, PIER 1 CHANNEL, BAY SHORE BRIDGE CHANNEL TOMS RIVER TOWNSHIP

OCEAN COUNTY, NEW JERSEY

DRAWN BY: SEF

WSP USA Inc.
CERTIFICATION OF AU

CHECKED BY: MJM

NO. 24GA28029800

STAN LULEWICZ

NJ PE NO. 24GE04770900

DRAWN BY: SEF

CHECKED BY: MJM

SCALE: AS SHOWN

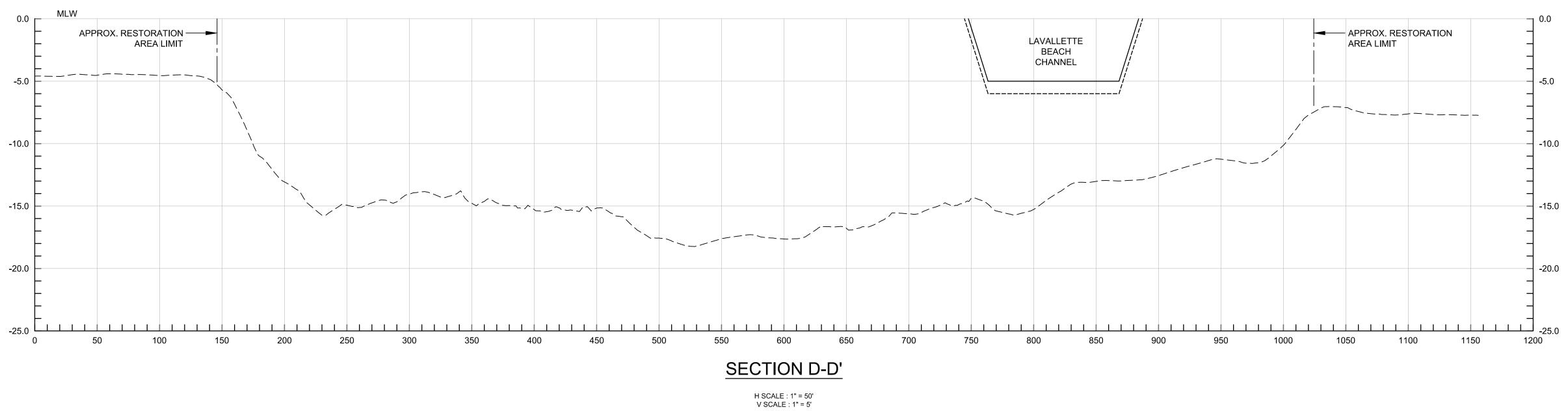
DATE: APRIL 2020

WSP USA Inc.

CERTIFICATION OF AUTHORIZATION
NO. 24GA28029800

MICHAEL J. MARANO
NEW JERSEY PROFESSIONAL ENGINEER Michael J. Marano
NO. 24GE04087500

DWG. NO. PERMIT - 2



---- (JANUARY 21, 2020) EXISTING CHANNEL TEMPLATE ----- EXISTING CHANNEL OVERDEPTH TEMPLATE 1. VERTICAL DATUM IS IN REFERENCE TO MEAN LOW WATER (MLW). MLW IS 0.34 FEET BELOW THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). INFORMATION OBTAINED FROM NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION (NOAA) VDATUM DATUM TRANSFORMATION PROGRAM, VERSION 4.0.

2. THE INFORMATION DEPICTED ON THIS PLAN REPRESENTS THE RESULTS OF SURVEYS CONDUCTED ON THE ABOVE DATES AND SHOULD BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

0.67 HTL (MHHW) 0.50 MHW 0.34 NAVD88 0.26 MTL 0.00 MLW -0.08 MLLW RANGE OF TIDE (FT) NOT TO SCALE

	BY APPR.			STATE OF NEW JERSEY NJDOT OFFICE OF MARITIME RESOURCES			
	NOIL			TITLE: DREDG			
	DESCRIPTION			PROJECT: MAINTENANCE DREDGING AND CHANNEL IMPROVEMENTS FOR ANDREWS POINT CHANNEL, SILVER BAY CHANNEL, SILVER BAY ENTRANCE CHANNEL, PIER 1 CHANNEL, BAY SHORE BRIDGE CHANNEL TOMS RIVER TOWNSHIP OCEAN COUNTY, NEW JERSEY			
9008 Yellow Brick Rd. Unit O	ÜΪ			DRAWN BY: SEF	WSP USA Inc. CERTIFICATION OF AUTHORIZATION	PROJECT NO.	
Baltimore, MD 21237 Phone (410) 682-5595	DATE:			CHECKED BY: MJM NO.	NO. 24GA28029800	SHEET 30 OF 30	
STAN LULEWICZ S. Lule	<u></u>			SCALE: AS SHOWN	MICHAEL J. MARANO NEW JERSEY PROFESSIONAL ENGINEER Michael J. Marano		
NJ PE NO. 24GE04770900	집	٣			DATE: APRIL 2020	NO. 24GE04087500	DWG. NO. PERMIT - 30