APPENDIX M

Engineering Reports

M.1 | SIGNATURE EAST – ENGINEER'S REPORT

M.2 | SIGNATURE EAST – SITE DRAWINGS

M.3 | SIGNATURE SOUTH – ENGINEER'S REPORT

M.4 | SIGNATURE SOUTH – SITE DRAWINGS

APPENDIX M.3

Signature South – Engineer's Report

APPENDIX H
Stormwater Investigation Results

LANGAN

Memorandum

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To: Jim Hopkins, Scot Bini (Signature Aviation)
Mark Ballard, Leah Segrelin (WSP)

From: Victoria Rhodes

Info: Charlotte Schum, Kelly McCormick, Dan Miola, Lou Mastriani (Langan)

Date: 13 March 2026

Re: Stormwater Investigation Results
Signature Flight South Expansion
Teterboro, New Jersey
Langan Project No.: 001642424

This memorandum presents the results of the field investigation performed by Langan Engineering and Environmental Services, LLC (Langan) for the proposed stormwater management systems at the Signature South Expansion project site at Teterboro Airport in Teterboro, New Jersey. Unless noted otherwise, the elevations given in this memorandum are referenced to the elevations provided in the drawing entitled "Existing Conditions Plan" prepared by Langan dated 12 January 2026, which refers to the North American Vertical Datum of 1988 (NAVD88).

PROJECT DESCRIPTION

The project site is located in the southern portion of Teterboro Airport in Teterboro, New Jersey. The site primarily consists of wooded and vegetated areas. The site is bound by Taxiway Quebec to the northwest, Taxiway Gulf to the northeast, wooded areas to the south and the Signature Aviation South paved asphalt for aircraft parking and Signature facility to the west. Portions of the site are mapped as common reed dominated wetland, red maple/pin oak successional forested wetland, degraded emergent wetland, emergent wetland and maintained land wetland. A gravel-surface access road is located within the northern portion of the site. Surface grades at the site generally vary between elevation (el) 1 and el 4.

PROPOSED DEVELOPMENT

Based on the plan titled "Site Plan" prepared by Langan dated 12 January 2026, we understand that the proposed development will include the following:

- Construction of two 40,000 square-feet (sq-ft) hangars with attached 2-story, 7,500 sq-ft office spaces. The finished floor elevation of the proposed hangars is el 9.
- Construction of approximately 200,000 sq-ft of aircraft parking pavement with surface grades ranging from el 5 to el 9 in the northern portion of the site. Fills up to 6.5 ft are anticipated to reach proposed grades in proposed aircraft parking areas.
- Construction of 91 car parking spaces in the southern portion of the site.

- Construction of retaining walls up to 6 ft in height.
- Construction of a car access driveway in the southern portion of the site.
- Construction of stormwater management systems as summarized in the table below.

Basin ID	Proposed Basin Approximate Footprint Area	Bottom of BMP
A2 - Pervious Pavement	18,400 sq-ft	EL 0.5
A3 - Detention Chamber	34,000 sq-ft	EL 1.6
A4 - Detention Chamber	34,000 sq-ft	EL 1.6
A5 - Pervious Pavement	9,300 sq-ft	EL 3.4
A6 - Pervious Pavement	6,800 sq-ft	EL 2.5
A7 - Detention Chamber	5,800 sq-ft	EL 3.0

STORMWATER INVESTIGATION

The field stormwater investigation included excavating exploratory profile test pits within proposed basin areas under full-time supervision by Langan. The locations of all the profile test pits are shown on Figure 1. Logs of the profile test pits are provided in Appendix A. A summary of the profile test pits is provided in Table 1.

Test Pits

Twenty-two (22) exploratory test pits were excavated in February and March 2026 by Craig Geotechnical Drilling, Co., Inc. (Craig) using a SANY SY80U mini-excavator to determine depths to seasonal high groundwater levels. Profile test pits extended approximately 4 ft to 11.5 ft below existing surface grades. Upon completion, the profile test pits were backfilled with excavated materials and the backfill was lightly compacted with the excavator bucket.

SUBSURFACE CONDITIONS

The generalized subsurface conditions consisted of surficial materials and fill underlain by sand/silt and clay. Detailed descriptions of the subsurface conditions and seasonal high water determinations are given below.

Surficial Materials and Fill

A 7-inch-thick to 31-inch-thick topsoil layer was encountered at the surface in all test pits. The topsoil was typically described as dark brown or gray to black silt with varying amounts of sand, clay and roots. Roots were observed to extend up to 8 ft below surface grade.

Fill

In test pit LTP-3, a 1.5-ft-thick fill layer was encountered immediately below the topsoil. The fill was generally described as brown to gray sand with varying amounts of gravel and bricks.

Buried Topsoil

In test pit LTP-3, an approximately 0.5-ft-thick buried topsoil layer was encountered immediately below the fill layer. The top of the buried topsoil was first encountered at about 2 ft below existing surface grade, corresponding to el 0.5.

Sand/Silt

A 1-ft-thick to 6-ft-thick sand or silt layer was encountered immediately below the topsoil in all test pits. This layer was typically described as brown to gray sand or silt with varying amounts of clay and roots.

Clay

A clay layer was encountered immediately below the sand/silt layer in all test pits. This layer was typically described as brown to gray lean to fat clay with varying amounts of silt, sand and roots. The clay layer was observed to extend to 11.5 ft below existing surface grades, corresponding to approx. el -9.5. All test pits were terminated within the clay layer.

Signs of Seasonal High Groundwater Level

Mottling and water seepage was observed in all profile test pits. Standing water was observed throughout the site and at the majority of test pit locations throughout the duration of the field investigation. The seasonal high groundwater level was determined based on depth to mottling or water seepage observed in the profile test pits. The determined seasonal high groundwater levels are provided in Table 1.

CLOSURE

This memorandum provided the results of the stormwater investigation performed by Langan for the proposed stormwater management system at the project site. If you have any questions, please call.

TABLES

Table 1 Summary of Profile Test Pits

TABLE 1 - SUMMARY OF PROFILE TEST PITS

Profile Test ID	Basin ID	Profile Pit Completion Date	Time of Excavation	Existing Surface Grade	Proposed Bottom of BMP	Approximate Profile Pit Bottom		Approximate Observed Top of Soil Mottling Layer		Approximate Bottom of Observed Soil Mottling Layer		Observed Groundwater Level or Water Seepage		Determined Seasonal High Groundwater		Remarks
				(el)	(el)	(ft)	(el)	(ft)	(el)	(ft)	(el)	(ft)	(el)	(ft)	(el)	
LTP-1	Pervious Pavement (A2)	2/20/2026	9:15	2	0.5	11.6	-9.6	2.2	-0.2	11.6	-9.6	1	1	1.0	1.0	Standing water at surface.
LTP-2	Pervious Pavement (A2)	2/20/2026	10:00	2	0.5	11	-9	2.5	-0.5	11	-9	1.2	0.8	1.2	0.8	Standing water at surface.
LTP-3	Pervious Pavement (A2)	3/4/2026	9:20	2.5	0.5	11	-8.5	4.2	-1.7	6.4	-3.9	2.6	-0.1	2.6	-0.1	Snow at surface.
LTP-4	Pervious Pavement (A2)	3/6/2026	9:30	2.5	0.5	11	-8.5	3	-0.5	9	-6.5	1	1.5	1.0	1.5	Snow at surface.
LTP-5	Detention Chamber (A3)	3/3/2026	10:05	2	1.6	10.3	-8.3	1	1	6.7	-4.7	2.6	-0.6	1.0	1.0	Standing water at surface.
LTP-6	Detention Chamber (A3)	2/20/2026	12:15	2	1.6	4	-2	0.9	1.1	4	-2	0.8	1.2	0.8	1.2	Standing water at surface and rapid water infiltration. Test pit terminated due to sidewall collapse.
LTP-7	Detention Chamber (A4)	2/20/2026	12:35	2	1.6	9	-7	1.1	0.9	5.3	-3.3	1.1	0.9	1.1	0.9	Standing water at surface.
LTP-8	Detention Chamber (A4)	3/6/2026	10:15	2.5	1.6	11	-8.5	1.4	1.1	5	-2.5	1.8	0.7	1.4	1.1	Snow at surface.
LTP-9	Detention Chamber (A3)	2/20/2026	11:20	2	1.6	10.9	-8.9	1	1	6.3	-4.3	0.8	1.2	0.8	1.2	Standing water at surface.
LTP-10	Detention Chamber (A4)	3/3/2026	11:30	2	1.6	11.3	-9.3	1.6	0.4	11	-9	1	1	1.0	1.0	Standing water at surface.
LTP-11	Detention Chamber (A3)	2/20/2026	10:45	2	1.6	11	-9	1.7	0.3	11	-9	1	1	1.0	1.0	Standing water at surface.
LTP-12	Detention Chamber (A3)	3/3/2026	12:30	2	1.6	11.3	-9.3	1.3	0.7	7	-5	0.8	1.2	0.8	1.2	Standing water/snow at surface.
LTP-13	Detention Chamber (A4)	3/3/2026	1:05	1.5	1.6	9	-7.5	1.8	-0.3	6	-4.5	1.8	-0.3	1.8	-0.3	Standing water at surface.
LTP-14	Detention Chamber (A4)	3/3/2026	11:50	3	1.6	11.6	-8.6	0.6	2.4	5	-2	3	0	0.6	2.4	Snow at surface.
LTP-15	Pervious Pavement (A5)	3/4/2026	12:05	1.5	3.4	7	-5.5	1.3	0.2	7	-5.5	1.4	0.1	1.3	0.2	Standing water at surface.
LTP-16	Pervious Pavement (A5)	3/4/2026	11:30	1.5	3.4	6	-4.5	1.3	0.2	6	-4.5	1.8	-0.3	1.3	0.2	Standing water at surface.
LTP-17	Detention Chamber (A7)	3/4/2026	11:00	1.5	3	6.3	-4.8	2	-0.5	6	-4.5	2.5	-1	2.0	-0.5	Standing water at surface.
LTP-18	Pervious Pavement (A5)	3/4/2026	10:20	2	3.4	6	-4	1.8	0.2	6	-4	0.5	1.5	0.5	1.5	Standing water at surface.
LTP-19	Pervious Pavement (A6)	3/11/2026	9:30	4	2.5	10.8	-6.8	5	-1	10.8	-6.8	4.8	-0.8	4.8	-0.8	
LTP-20	Pervious Pavement (A6)	3/11/2026	10:20	3	2.5	8.2	-5.2	2	1	7.4	-4.4	1	2	1.0	2.0	
LTP-21	Pervious Pavement (A6)	3/11/2026	10:50	4	2.5	7.3	-3.3	2	2	7.3	-3.3	1	3	1.0	3.0	Standing water at surface. Test pit terminated due to sidewall collapse.
LTP-22	Pervious Pavement (A6)	3/11/2026	11:30	3	2.5	7.4	-4.4	1.1	1.9	5.5	-2.5	0.8	2.2	0.8	2.2	Standing water at surface. Test pit terminated due to sidewall collapse.

NOTES

1 Refer to Appendix A for profile test pit logs.

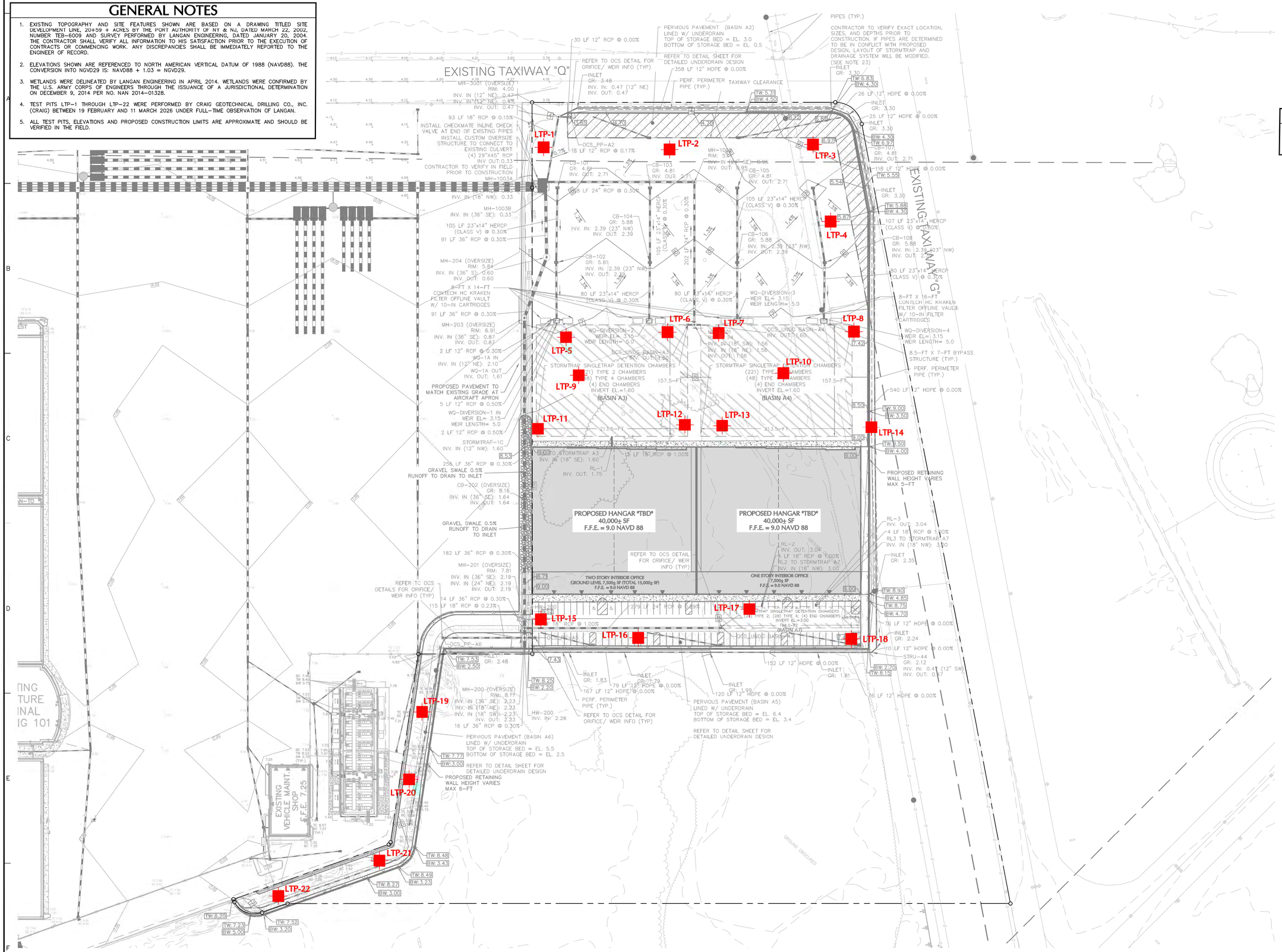
2 The elevations and depths provided in the table are approximate.

FIGURES

Figure 1 Test Pit Location Plan

GENERAL NOTES

1. EXISTING TOPOGRAPHY AND SITE FEATURES SHOWN ARE BASED ON A DRAWING TITLED SITE DEVELOPMENT LINE, 20+59 + ACRES BY THE PORT AUTHORITY OF NY & NJ, DATED MARCH 22, 2002, NUMBER TEB-6009 AND SURVEY PERFORMED BY LANGAN ENGINEERING, DATED JANUARY 20, 2004. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO THE EXECUTION OF CONTRACTS OR COMMENCING WORK. ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER OF RECORD.
2. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). THE CONVERSION INTO NGVD29 IS: NAVD88 + 1.03 = NGVD29.
3. WETLANDS WERE DELINEATED BY LANGAN ENGINEERING IN APRIL 2014. WETLANDS WERE CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS THROUGH THE ISSUANCE OF A JURISDICTIONAL DETERMINATION ON DECEMBER 9, 2014 PER NO. NAN 2014-01328.
4. TEST PITS LTP-1 THROUGH LTP-22 WERE PERFORMED BY CRAIG GEOTECHNICAL DRILLING CO., INC. (CRAIG) BETWEEN 19 FEBRUARY AND 11 MARCH 2026 UNDER FULL-TIME OBSERVATION OF LANGAN.
5. ALL TEST PITS, ELEVATIONS AND PROPOSED CONSTRUCTION LIMITS ARE APPROXIMATE AND SHOULD BE VERIFIED IN THE FIELD.



LEGEND

LTP-4 APPROXIMATE TEST PIT LOCATION

60 0 30 60
SCALE IN FEET

LANGAN
Langan Engineering and Environmental Services, LLC
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

SIGNATURE SOUTH EXPANSION
TETERBORO AIRPORT
BOROUGH OF MOONACHIE BLOCK 76, LOT 1.02
BOROUGH OF TETERBORO BLOCK 203, LOT 1

BERGEN COUNTY **NEW JERSEY**

Drawing Title

TEST PIT LOCATION PLAN

Project No.	Drawing No.
001642424	1
Date: 03/13/2026	
Drawn By: AC	
Checked By: VAR	

PROJECT NO. 001642424

Filename: \\langan.com\data\NY\data4\001642424\Cadd Data - 001642424\SheetFiles\Figures\Test Pit Location Plan.dwg Date: 3/12/2026 Time: 13:23 User: acofrancesco Style Table: Langan.stb Layout: TP Loc Plan_V2
©2025 Langan

APPENDIX A

LOGS OF PROFILE TEST PITS

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Log of Test Pit **LTP-1** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	2/20/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 2.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	11.6 ft	3.1 ▽	1.0 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0					
	+1.0	SILT with SAND (TOPSOIL - approx. 12 inches thick) dark brownish gray, wet, fine to medium sand, trace clay, some roots	0	S-1	BAG	Excavation began at 9:15 AM on 02/20/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 11.6 ft. Roots extend to approx. 7.8 ft bgs. Water accumulated in test pit to 1 ft.
	0.0	SILT with SAND (ML) brownish gray, wet, fine to medium sand, trace clay, some roots	1	S-2	BAG	
	-1.8	FAT CLAY with SAND (CH) greenish gray, wet, fine to medium sand, trace silt, some roots	2 3	S-3	BAG	Orange mottling observed at 2.2 ft to 11.6 ft. Fast groundwater seepage at 3.1 ft bgs.
	-3.0	POORLY GRADED SAND with SILT (SP-SM) brownish gray, wet, fine to medium sand, trace clay, some roots	4	S-4	BAG	
	-8.0	FAT CLAY with SAND (CH) greenish gray, wet, fine to medium sand, trace silt, trace roots	5 6 7 8 9 10	S-5	BAG	
	-9.6	LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand, trace silt	11	S-6	BAG	
		End of Test Pit at 11.6ft.	12 13 14 15 16 17 18 19 20			Excavation terminated at 9:50 AM on 02/20/2026. Test pit left open for 2 hours. Test pit backfilled with excavated materials upon completion.

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Log of Test Pit **LTP-2** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 2/20/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 11.0 ft	Water Level - First: 2.5 ▽ / Water Level - Completion: 1.2 ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0	SILT with SAND (TOPSOIL - approx. 17 inches thick) dark brownish gray, wet, fine to medium sand, trace clay, some roots	0	S-1	BAG	Excavation began at 10:00 AM on 02/20/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 11 ft. Roots extend to approx. 8 ft bgs. Water accumulated in test pit to 1.2 ft bgs.
	+0.6		1			
	0.0	FAT CLAY with SAND (CH) dark gray, wet, fine to medium sand, trace silt, some roots		S-2	BAG	
		POORLY GRADED SAND with SILT gray, wet, fine to coarse sand, some roots	2	S-3	BAG	Orange mottling observed at 2.5 ft to 11 ft. Fast groundwater seepage at 2.5 ft.
	-1.8		3			
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand, some roots	4	S-4	BAG	
	-8.0		10			
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand		S-5	BAG	
	-9.0	End of Test Pit at 11.0ft.	11			Excavation terminated at 10:30 AM on 02/20/2026. Test pit left open for 2 hours. Test pit backfilled with excavated materials upon completion.
			20			

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Log of Test Pit **LTP-3** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/6/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.5 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 11.0 ft	Water Level - First: 2.6 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.5		0			
	+1.9	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown, wet, fine to coarse sand, fine to coarse gravel		S-1	BAG	Excavation began at 9:20 AM on 03/04/2026. Snow at surface. Surface water observed and flowing into test pit. Easy digging from 0 to 11 ft. Roots extend to approx. 3.8 ft bgs.
		POORLY GRADED SAND with SILT and GRAVEL (FILL) brown to brownish gray, wet, fine to coarse sand, fine to coarse gravel, brick fragments	1	S-2	BAG	
	+0.5		2			
	-0.1	SILT (BURIED TOPSOIL) gray, wet, trace clay ▽		S-3	BAG	Seepage at 2.6 ft.
	-0.8	SANDY SILT (ML) dark brown, wet, fine to medium sand, trace clay	3	S-4	BAG	
		POORLY GRADED SAND with SILT light brownish gray to orangish gray, wet, fine to coarse sand, trace clay	4	S-5	BAG	Mottling observed at 4.2 ft to 6.4 ft.
	-2.5		5			
		POORLY GRADED SAND with SILT (SP-SM) brown, wet, fine sand, trace clay	6	S-6	BAG	
	-3.9					
		LEAN CLAY (CL) brown to brownish gray, wet, trace silt	7	S-7	BAG	
	-7.5		10			
		LEAN CLAY (CL) brown to brownish gray, wet, trace fine sand, trace silt		S-8	BAG	
	-8.5		11			Excavation terminated at 9:55 AM on 03/04/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 11.0ft.	12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

LANGAN

Log of Test Pit **LTP-4** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/6/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.5 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 11.0 ft	Water Level - First: 1.0 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.5		0			
	+1.5	SILTY SAND with GRAVEL (TOPSOIL - approx. 12 inches thick) brown, wet, fine to medium sand, fine to coarse gravel ▽		S-1	BAG	Excavation began at 9:30 AM on 03/06/2026. Snow at surface. Easy digging from 0 to 11 ft. Roots extend to approx. 3 ft bgs.
		SANDY LEAN CLAY (CL) gray to black, wet, fine to coarse sand, bricks fragments	1			Seepage at 1 ft.
			2	S-2	BAG	
	-0.7		3			Orange mottling observed at 3 ft to 9 ft.
		POORLY GRADED SAND with SILT (SP-SM) greenish gray, wet, fine to medium sand, trace clay	4	S-3	BAG	
	-2.0					
		LEAN CLAY (CL) with SAND gray, wet, fine sand, trace silt	5			
			6	S-4	BAG	
	-4.5		7			
		LEAN CLAY (CL) brownish gray, wet, trace silt	8			
			9	S-5	BAG	
			10			
	-8.5		11			Excavation terminated at 10:00 AM on 003/04/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 11.0ft.	12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

LANGAN

Log of Test Pit **LTP-5** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/3/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 10.3 ft	Water Level - First: 2.6 ▽ / Water Level - Completion: ▼
Excavation Equipment: SANY SY80U MINI EXCAVATOR	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0					
	+1.1	SILT with SAND (TOPSOIL- approx. 11 inches thick) black to light gray, wet, fine sand	0	S-1	BAG	Excavation began at 10:05 AM on 03/03/2026. Surface water observed flowing into test pit. Roots extend to approx. 7ft bgs.
		LEAN CLAY (CL) brownish gray, wet, trace silt	1	S-2	BAG	Mottling observed at 1.0 ft to 6.7 ft.
	-0.3	SILTY SAND ▽ gray to orangish gray, fine sand, trace clay	2			Groundwater seepage at 2.6 ft.
			3	S-3	BAG	
	-2.8	SILT (ML) Greenish gray, wet, trace clay	4			
	-3.8	LEAN CLAY (CL) brownish gray, wet, trace clay, trace fine sand	5	S-4	BAG	
			6	S-5	BAG	
			7			
	-7.0	FAT CLAY (CH) greenish gray, wet, trace silt	8			
			9	S-6	BAG	
	-8.3	End of Test Pit at 10.3ft.	10			Excavation terminated at 10:41 am on 03/03/2026. Test pit backfilled with excavated materials upon completion.
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

LANGAN

Log of Test Pit **LTP-6** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 2/20/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 4.0 ft	Water Level - First: 0.8 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0					
	+1.2	SILT with SAND (TOPSOIL - approx. 10 inches thick) dark gray, wet, fine to medium sand ▽	0			Excavation began at 12:10 PM on 02/20/2026. Surface water observed and flowing into test pit. Groundwater seepage observed at 0.8 ft. Orange mottling observed at 0.9 ft.
		LEAN CLAY (CL) brownish gray, wet, trace silt	1			
			2			
			3			
	-2.0		4			Test pit continuously fill with water. Sidewalls collapsing. Excavation terminated at 12:30 PM on 02/20/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 4.0ft.	5			
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

LANGAN

Log of Test Pit **LTP-7** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	2/20/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 2.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	9.0 ft	1.1 ▽	8.0 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0					
	+1.2	SILT with SAND (TOPSOIL - approx. 10 inches thick) dark gray to gray, wet, fine to medium sand, some roots	0	S-1	BAG	Excavation began at 12:35 AM on 02/20/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 9 ft. Roots extend to approx. 5.3 ft bgs. Orange mottling observed at 1.1 ft to 5.3 ft. Fast groundwater seepage at 1.1 ft.
		FAT CLAY with SAND (CH) greenish gray, wet, fine to medium sand, trace silt, some roots ▽	1	S-2	BAG	
	-0.1		2			
		POORLY GRADED SAND with SILT (SP-SM) brownish gray to orangish gray, wet, fine to coarse sand, some roots	3	S-3	BAG	
			4			
	-3.0		5			
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand, trace silt, trace roots	6	S-4	BAG	
			7			
		▼	8			Water accumulated in test pit to 8 ft bgs.
	-7.0		9			Excavation terminated at 1:10 PM on 02/20/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 9.0ft.	10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-8** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/6/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.5 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 11.0 ft	Water Level - First: 1.8 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.5	POORLY GRADED SAND with SILT and GRAVEL (FILL) dark brown, wet, fine to coarse sand, fine to coarse gravel, brick fragments	0	S-1	BAG	Excavation began at 10:12 AM on 03/06/2026. Snow at surface. Easy digging from 0 to 11 ft. Roots extend to approx. 3 ft bgs.
	+0.7	POORLY GRADED SAND with SILT (SP-SM) brownish gray to orangish gray, wet, fine to medium sand, trace clay	1			Orange mottling observed at 1.4 ft to 5 ft. Seepage at 1.8 ft.
			2	S-2	BAG	
			3			
			4			
	-2.5	LEAN CLAY (CL) with SAND greenish gray to brownish gray, wet, trace silt	5	S-3	BAG	Partial side wall collapse.
			6			
			7			
			8			
			9			
	-7.5	LEAN CLAY (CL) brownish gray, wet, trace fine sand, trace silt	10	S-4	BAG	
	-8.5	End of Test Pit at 11.0ft.	11			Excavation terminated at 10:30 AM on 03/04/2026. Test pit backfilled with excavated materials upon completion.
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-9** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	2/20/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 2.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	10.9 ft	0.8 ▽	10.3 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0		0			
	+1.4	SILT with SAND (TOPSOIL - approx. 7 inches thick) dark gray to gray, wet, fine to medium sand, trace clay, some roots ▽		S-1	BAG	Excavation began at 11:20 AM on 02/20/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 10.9 ft. Roots extend to approx. 6 ft bgs. Fast groundwater seepage at 0.8 ft. Orange mottling observed at 1 ft. to 6.3 ft.
		SANDY SILT (ML) gray, wet, fine to medium sand, trace clay, some roots	1			
			2	S-2	BAG	
	-0.9	SILTY SAND (SM) orangish brown, wet, fine to medium sand, some roots	3			
			4	S-3	BAG	
	-2.7	LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand, trace roots	5			
			6			
			7			
			8	S-4	BAG	
			9			
	-8.0		10			
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand ▼		S-5	BAG	Water accumulated in test pit to 10.3 ft bgs.
	-8.9	End of Test Pit at 10.9ft.	11			Excavation terminated at 11:55 AM on 02/20/2026. Test pit backfilled with excavated materials upon completion.
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-10** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion		Project No.: 001642424	Date: 3/3/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ		Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.		Depth: 11.3 ft	Water Level - First: 1.0 ▽ / Water Level - Completion: 9.3 ▼
Excavation Equipment: SANY SY80U MINI EXCAVATOR		Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0	SILT with SAND (TOPSOIL - approx. 15 inches thick) dark brown, wet, fine sand, some roots	0	S-1	BAG	Excavation began at 11:05 AM on 03/03/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 11.3 ft. Roots extend to approx. 5 ft bgs.
	+0.7	SILTY SAND (SM) brownish gray to light gray, wet, fine to medium sand, trace clay, some roots	1	S-2	BAG	Orange mottling observed at 1.6 ft to faint mottling at 11.0 ft.
	-0.6	POORLY GRADED SAND with SILT (SP-SM) Gray to orangish brown, wet, fine to medium sand, trace clay, some roots	2	S-3	BAG	
	-2.7	LEAN CLAY (CL) Brownish gray and brown, wet, trace silt	3			
			4			
			5	S-4	BAG	
			6			
			7			
			8			
			9			Water accumulation at 9.3 ft.
	-8.0	LEAN CLAY (CL) brownish gray and brown, wet, trace silt	10	S-5	BAG	
	-9.3	End of Test Pit at 11.3ft.	11			Excavation terminated at 11:35 AM on 03/03/2026. Test pit backfilled with excavated materials upon completion.
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-11** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	2/20/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 2.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	11.0 ft	1.0 ▽	9.7 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0					
		SILT with SAND (TOPSOIL - approx. 12 inches thick) dark gray, wet, fine to medium sand, trace clay, some roots	0	S-1	BAG	Excavation began at 10:45 AM on 02/20/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 11 ft. Roots extend to approx. 8.7 ft bgs. Fast groundwater seepage at 1 ft.
	+1.0		1			
		SANDY SILT (ML) brownish gray, wet, fine to coarse sand, trace clay, some roots	2	S-2	BAG	Orange mottling observed at 1.7 ft to 11 ft.
			3			
	-1.5					
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand	4			
			5			
			6			
			7	S-3	BAG	
			8			
			9			
	-8.0		10			Water accumulated in test pit to 9.7 ft bgs.
		LEAN CLAY with SAND (CL) brownish gray, wet, fine to medium sand, trace silt		S-4	BAG	
	-9.0		11			Excavation terminated at 11:11 AM on 02/20/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 11.0ft.	12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-12** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/3/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 11.3 ft	Water Level - First: 0.8 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U MINI EXCAVATOR	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0	SILT with SAND (TOPSOIL - approx. 13 inches thick) Brown, fine to coarse sand, some roots ▽	0	S-1	BAG	Excavation began at 12:28 PM on 03/03/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 11.3 ft. Roots extend to 3 ft. Groundwater seepage at 0.8 ft. Orange mottling observed at 1.3 ft to 7 ft.
	+0.9	LEAN CLAY with SAND (CL) greenish gray, wet, fine to medium sand, trace silt, trace roots	1	S-2	BAG	
	0.0	POORLY GRADED SAND with SILT (SP-SM) orangish brown, wet, fine to coarse sand, trace clay, trace roots	2	S-3	BAG	
	-2.3	FAT CLAY (CH) greenish gray, wet, fine sand, trace silt	4	S-4	BAG	
	-5.0	LEAN CLAY (CL) brownish gray, trace silt, trace fine sand	7	S-5	BAG	
	-9.3	End of Test Pit at 11.3ft.	11			Excavation terminated at 12:55 pm on 03/03/2026. Test pit back filled with excavated materials upon completion.

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Log of Test Pit **LTP-13** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/3/2026
Location	**Elevation and Datum**	
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 1.5 (NAVD 88)	
Excavation Company	**Depth**	**Water Level - First** / **Water Level - Completion**
Clear Ground Development, Inc.	9.0 ft	1.8 ▽ / 7.5 ▼
Excavation Equipment	**Excavation Foreman**	**Field Engineer**
SANY SY80U MINI EXCAVATOR	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+1.5	SILT with SAND (TOPSOIL - approx. 22 inches thick). black to dark grey, wet, fine to medium sand, trace clay, roots (peat-like)	0	S-1	BAG	Excavation began at 1:05 PM on 03/03/2026. Surface water was observed and flowing into test pit. Easy digging from 0 to 9 ft. Roots extend to approx. 9.0 ft bgs.
	-0.3	SILTY SAND (SM) brown and orangish gray, wet, fine to medium sand, trace clay, roots	2	S-2	BAG	Orange mottling observed at 1.8 ft to 6 ft. Seepage at 1.8 ft.
	-2.3	FAT CLAY (CH) greenish gray and brownish gray, wet, fine to medium coarse sand	4	S-3	BAG	
	-4.5	LEAN CLAY (CL) brownish gray, wet, trace silt, trace fine to medium coarse sand	6	S-4	BAG	Water accumulation at 7.5 ft.
	-6.5	LEAN CLAY (CL) brownish gray, wet, trace silt, trace fine to medium coarse sand	8			
	-7.5	End of Test Pit at 9.0ft.	9			Excavation terminated 1:38 PM pm 03/03/2026. Test pit backfilled with excavated materials upon completion.
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-14**

Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/3/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 3.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	11.6 ft	3.0 ▽	N/A ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U MINI EXCAVATOR	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+3.0		0			
	+2.4	SANDY SILT with GRAVEL (TOPSOIL - approx. 7 inches thick) dark brown, wet, fine to medium coarse sand, trace clay, fine to subrounded gravel		S-1	BAG	Excavation began 11:48 PM on 03/03/2026. Surface water observed flowing into test pit. Roots extend to approx. 5.5 ft bgs Orange mottling observed at 0.6 ft to 5 ft.
	+1.4	SILTY SAND (SM) brown, wet, fine to medium sand, trace clay	1	S-2	BAG	
		POORLY GRADED SAND with SILT (SP-SM) gray, wet, fine to medium sand, trace clay	2	S-3	BAG	
		▽	3			Seepage at 3ft.
	-0.4	LEAN CLAY (CL) brownish gray, wet, trace silt, trace sand	4	S-4	BAG	
			5			
			6			
			7			
			8			
	-6.0	LEAN CLAY (CL) brownish gray, wet, trace silt, trace sand	9	S-5	BAG	
			10			
			11			
	-8.6	End of Test Pit at 11.6ft.	12			Excavation terminated at 12:16 PM on 03/03/2026. Test pit backfilled with excavated materials upon completion.
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-15** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/4/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 1.5 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 7.0 ft	Water Level - First: 1.4 ▽ / Water Level - Completion: 5.8 ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	SAMPLE Number	SAMPLE Type	REMARKS
	+1.5	SILT (TOPSOIL - approx. 17 inches thick) dark brown to brown, wet, trace fine sand, trace clay, some roots	S-1	BAG	Excavation began at 12:05 PM on 03/04/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 7 ft. Roots extend to approx. 7 ft bgs.
	+0.1	▽			
		SILT (ML) grayish brown, wet, trace fine sand, trace clay	S-2	BAG	Orange mottling observed at 1.3 ft to 7 ft. Seepage at 1.4 ft.
	-0.6	POORLY GRADED SAND with SILT orangish brown, wet, fine to coarse sand, trace clay	S-3	BAG	
	-3.1	LEAN CLAY (CL) greenish gray to grayish brown, wet, trace fine sand, trace silt	S-4	BAG	
	-4.5	▼			Water accumulation at 5.8 ft.
		LEAN CLAY (CL) grayish brown to brown, wet, trace fine sand, trace silt	S-5	BAG	
	-5.5	End of Test Pit at 7.0ft.			Excavation terminated at 12:30 PM on 03/04/2026. Test pit backfilled with excavated materials upon completion.

Depth Scale: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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Log of Test Pit **LTP-16** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/4/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 1.5 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	6.0 ft	1.8 ▽	N/A ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+1.5	SILT with SAND (TOPSOIL - approx. 16 inches thick) black to dark brown, wet, fine to medium sand, trace clay, some roots	0	S-1	BAG	Excavation began at 11:30 AM on 03/04/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 6 ft. Roots extend to approx. 6 ft bgs.
	+0.2	SILT (ML) grayish brown, wet, trace fine sand, trace clay ▽	1	S-2	BAG	Orange mottling observed at 1.3 tft to 6 ft. Seepage at 1.8 ft.
	-1.1	POORLY GRADED SAND with SILT orangish brown, wet, fine to coarse sand, trace clay	2	S-3	BAG	
	-2.5	LEAN CLAY (CL) grayish brown, wet, trace fine sand, trace silt	3	S-4	BAG	
	-3.5	LEAN CLAY (CL) grayish brown to brown, wet, trace fine sand, trace silt	4	S-5	BAG	
	-4.5	End of Test Pit at 6.0ft.	5			Excavation terminated at 11:55 AM on 03/04/2026. Test pit backfilled with excavated materials upon completion.
			6			
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-17** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/4/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 1.5 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 6.3 ft	Water Level - First: 2.5 ▽ / Water Level - Completion: 4.8 ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	SAMPLE Number	SAMPLE Type	REMARKS
	+1.5	SILT with SAND (TOPSOIL - approx. 24 inches thick) dark gray to dark brown, wet, fine to medium sand, some roots	S-1	BAG	Excavation began at 11:00 AM on 03/04/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 6.3 ft. Roots extend to approx. 6.3 ft bgs.
	-0.5				
	-1.0	LEAN CLAY (CL) gray to greenish gray, trace silt ▽	S-2	BAG	Orange mottling observed at 2 ft to 6 ft. Seepage at 2.5 ft.
		SILTY SAND (SM) orangish brown, wet, fine to coarse sand, trace clay	S-3	BAG	
	-2.2	LEAN CLAY (CL) with SAND brown to grayish brown, wet, trace fine sand, trace silt	S-4	BAG	
	-3.5	▼			Water accumulation at 4.8 ft.
		LEAN CLAY (CL) with SAND brown to grayish brown, wet, trace fine to coarse sand, trace silt	S-5	BAG	
	-4.8	End of Test Pit at 6.3ft.			Excavation terminated at 11:20 AM on 03/04/2026. Test pit backfilled with excavated materials upon completion.

Depth Scale: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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Log of Test Pit **LTP-18** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/4/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 2.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 6.0 ft	Water Level - First: 1.8 ▽ / Water Level - Completion: 0.5 ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+2.0	SILT (TOPSOIL - approx. 21 inches thick) black, wet, trace clay, some roots	0	S-1	BAG	Excavation began at 10:20 AM on 03/04/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 6 ft. Roots extend to approx. 6 ft bgs. Water accumulation at 0.5 ft.
	+0.2	SILT with SAND (ML) brownish gray wet, fine sand, trace clay	2	S-2	BAG	Orange mottling observed at 1.8 ft to 6 ft. Seepage at 1.8 ft.
	-1.1	LEAN CLAY (CL) brown, wet, trace fine sand, trace silt	4	S-3	BAG	
	-3.0	LEAN CLAY (CL) with SAND brown to grayish brown, wet, fine to medium sand, trace silt	5	S-4	BAG	
	-4.0	End of Test Pit at 6.0ft.	6			Excavation terminated at 10:40 AM on 03/04/2026. Test pit left open for 1 hour. Test pit backfilled with excavated materials upon completion.
			7			
			8			
			9			
			10			
			11			
			12			
			13			
			14			
			15			
			16			
			17			
			18			
			19			
			20			

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Log of Test Pit **LTP-19** Sheet 1 of 1

Project: Signature Flight Support 8ac Expansion	Project No.: 001642424	Date: 3/11/2026
Location: 101 Charles A. Lindbergh Dr. , Teterboro , NJ	Elevation and Datum: Approx. el. 4.0 (NAVD 88)	
Excavation Company: Clear Ground Development, Inc.	Depth: 10.8 ft	Water Level - First: 4.8 ▽ / Water Level - Completion: N/A ▼
Excavation Equipment: SANY SY80U Mini Excavator	Excavation Foreman: Jesse Mccain	Field Engineer: Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+4.0	SILT with SAND (TOPSOIL - approx. 60 inches thick) dark gray, wet, fine to medium sand, some roots	0	S-1	BAG	Excavation began at 9:30 AM on 03/11/2026. Easy digging from 0 to 10.8 ft. Roots extend to approx. 5 ft bgs.
	-1.0	CLAYEY SAND (SC) brownish gray to orangish brown, wet, fine to medium sand, trace silt	5	S-2	BAG	Seepage at 4.8 ft. Orange mottling observed at 5 ft to 10.8 ft.
	-4.0	LEAN CLAY with SAND (CL) greenish gray to brownish gray, wet, fine to medium sand	8	S-3	BAG	
	-6.8	End of Test Pit at 10.8ft.	11			Excavation terminated at 9:55 AM on 03/11/2026. Test pit backfilled with excavated materials upon completion.

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Log of Test Pit **LTP-20** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/11/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 3.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	8.2 ft	1.0 ▽	N/A ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+3.0		0			
	+2.0	SILT with SAND (TOPSOIL - approx. 12 inches thick) black to dark gray, wet, fine to medium sand, trace clay, some roots ▽	1	S-1	BAG	Excavation began at 10:22 AM on 03/11/2026. Easy digging from 0 to 8.2 ft. Roots extend to approx. 4 ft bgs. Seepage at 1 ft.
		SILTY SAND (SM) gray to orangish gray, wet, fine to medium sand	2	S-2	BAG	Orange mottling observed at 2 ft to 7.4 ft.
	-1.0		4			
		SANDY LEAN CLAY (CL) brown, wet, fine to medium sand	5	S-3	BAG	
	-5.2		8			Excavation terminated at 10:36 AM on 03/11/2026. Test pit backfilled with excavated materials upon completion.
		End of Test Pit at 8.2ft.	9			
			10			
			11			
			12			
			13			
			14			
			15			
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LANGAN

Log of Test Pit **LTP-21** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/11/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 4.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	7.3 ft	1.0 ▽	4.0 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+4.0					
	+3.0	SILT with SAND (TOPSOIL - approx. 12 inches thick) black to dark gray, wet, fine sand, trace clay, some roots	0	S-1	BAG	Excavation began at 10:53 AM on 03/11/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 7.3 ft. Roots extend to approx. 5 ft bgs.
		SILTY SAND (SM) light gray, wet, fine to medium sand	1	S-2	BAG	Seepage at 1 ft.
	+2.0	CLAYEY SAND (SC) brownish gray to orangish brown, wet, fine to medium sand, trace silt	2	S-3	BAG	Orange mottling observed at 2 ft to 7.3 ft.
	+0.1	SANDY LEAN CLAY (CL) brown, wet, fine to medium sand	3			Partial side wall collapse.
			4	S-4	BAG	Water accumulation at 4 ft.
			5			
			6			
	-3.3		7			
		End of Test Pit at 7.3ft.	8			Excavation terminated at 11:17 AM on 03/11/2026. Test pit backfilled with excavated materials upon completion.
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LANGAN

Log of Test Pit **LTP-22** Sheet 1 of 1

Project	Project No.	Date
Signature Flight Support 8ac Expansion	001642424	3/11/2026

Location	Elevation and Datum
101 Charles A. Lindbergh Dr. , Teterboro , NJ	Approx. el. 3.0 (NAVD 88)

Excavation Company	Depth	Water Level - First	Water Level - Completion
Clear Ground Development, Inc.	7.4 ft	0.8 ▽	5.0 ▼

Excavation Equipment	Excavation Foreman	Field Engineer
SANY SY80U Mini Excavator	Jesse Mccain	Samorah Jean-Louis

SYMBOL	Elev. (ft)	DESCRIPTION	Depth Scale	SAMPLE Number	SAMPLE Type	REMARKS
	+3.0					
	+2.0	SILT with SAND (TOPSOIL - approx. 10 inches thick) black to dark gray, wet, fine to medium sand, trace clay, some roots ▽	0	S-1	BAG	Excavation began at 11:28 AM on 03/11/2026. Surface water observed and flowing into test pit. Easy digging from 0 to 7.4 ft. Roots extend to approx. 5 ft bgs. Seepage at 0.8 ft. Orange mottling observed at 1.1 ft to 5.5 ft.
		SANDY SILT (ML) light gray, wet, fine to medium sand, trace clay	1 2 3	S-2	BAG	
	-0.6	POORLY GRADED SAND with SILT (SP-SM) orangish brown, wet, fine to coarse sand	4	S-3	BAG	Partial side wall collapse.
	-2.4	SANDY LEAN CLAY (CL) brown, wet, fine to coarse sand ▼	5			Water accumulation at 5 ft.
	-4.4	End of Test Pit at 7.4ft.	6 7	S-4	BAG	Excavation terminated at 11:51 AM on 03/11/2026. Test pit backfilled with excavated materials upon completion.
			8 9 10 11 12 13 14 15 16 17 18 19 20			