



TR4: Technical Report
Soil Investigation
Must be typewritten.

☒ Orient and affix BIS
job number label here ☒
421380268

1 Location Information *Required for all applications.*

House No(s) 3-24 Street Name 27th Avenue

Borough Queens Block 490 Lot 80 BIN 4614896 CB No. 401

Work on Floor(s) Apt/Condo No(s)

2 Applicant Information *Required for all applications.*

Last Name Shapiro First Name Saul Middle Initial

Business Name Langan Eng., Env., Surv., L.A., & Geo., DPC Business Telephone 212-479-5400

Business Address 360 West 31st Street, 8th Floor Business Fax 212-479-5444

City New York State NY Zip 10001 Mobile Telephone

E-Mail sshapiro@langan.com License Number 082466

☒ P.E. ☐ R.A.

3 Required Borings / Test Pits *Required for all applications.*

Number of Test Pits as Required as per NYC Construction Codes: 5

4 Plot Diagram *Required for all applications.*

Draw in ink to indicate scale. Show building outline or extension and location of all borings and/or test pits by dimensions. Borings and/or test pits shall be distributed according to the NYC Construction Codes.

See attached boring plan

5 Test Report *Required for all applications.*

Date	Boring/ Test Pit #	Feet Below Curb	Soil Description	Class Number	Remarks
11/21/16-11/22/16	LB-01	55 ft	Fill, Silty Clay/Silt, Sand, Decomposed Rock, Bedrock	7, 4, 5, 3, 1d, 1a	
11/23/16-11/24/16	LB-02	54 ft	Fill, Silty Clay/Peat, Gravel, Sand, Decomposed Rock, Bedrock	7, 6, 2, 3, 1d, 1a	
12/13/16-12/14/16	LB-03	61 ft	Fill, Silt/Peat, Silt, Gravel, Sand, Decomposed Rock, Bedrock	7, 6, 5, 2, 3, 1d, 1a	
11/28/16-11/30/16	LB-04	54 ft	Fill, Silt/Peat, Clay, Silt, Gravel, Decomposed Rock	7, 6, 4, 5, 2, 1d	
11/30/16-12/01/16	LB-05(OW)	60 ft	Fill, Silt/Peat, Sand, Silt, Sand, Decomposed Rock, Bedrock	7, 6, 3, 5, 3, 1d, 1c	
12/14/16-12/15/16	LB-06	65.8 ft	Fill, Silt/Peat, Silt, Gravel, Sand, Gravel, Decomposed Rock	7, 6, 5, 2, 3, 2, 1d	
12/01/16-12/02/16	LB-07	77.5 ft	Fill, Silt/Peat, Sand, Gravel, Sand, Decomposed Rock, Completely Weathered Rock (Gravel)	7, 6, 3, 2, 3, 1d, 2	
12/01/16-12/02/16	LB-08	70.5 ft	Fill, Sand, Gravel, Sand, Gravel, Sand	7, 3, 2, 3, 2, 3	
12/08/16-12/09/16	LB-09	77 ft	Fill, Sand, Gravel	7, 3, 2	
12/06/16-12/07/16	LB-10(OW)	85.3 ft	Fill, Sand, Gravel, Sand	7, 3, 2, 3	
12/09/16-12/12/16	LB-11	102 ft	Fill, Sand, Gravel, Sand, Gravel, Sand	7, 3, 2, 3, 2, 3	

6 Statements and Signatures *Required for all applications.*

I hereby state that the above information is correct and complete to the best of my knowledge and that the above tests were performed in accordance with all Administrative Code Provisions and Departmental Rules, Regulations and Directives.

Falsification of any statement is a misdemeanor and is punishable by a fine or imprisonment, or both.

It is unlawful to give to a city employee, or for a city employee to accept, any benefit, monetary or otherwise, either as a gratuity for properly performing the job or in exchange for special consideration. Violation is punishable by imprisonment or fine or both.

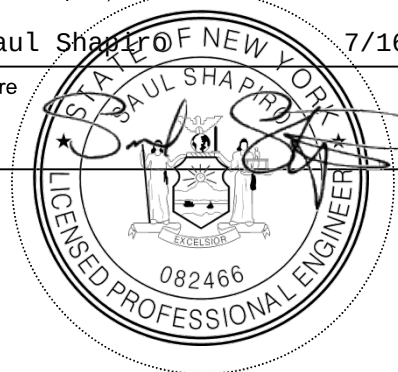
Name (please print)

Saul Shapiro

7/16/2022

Signature

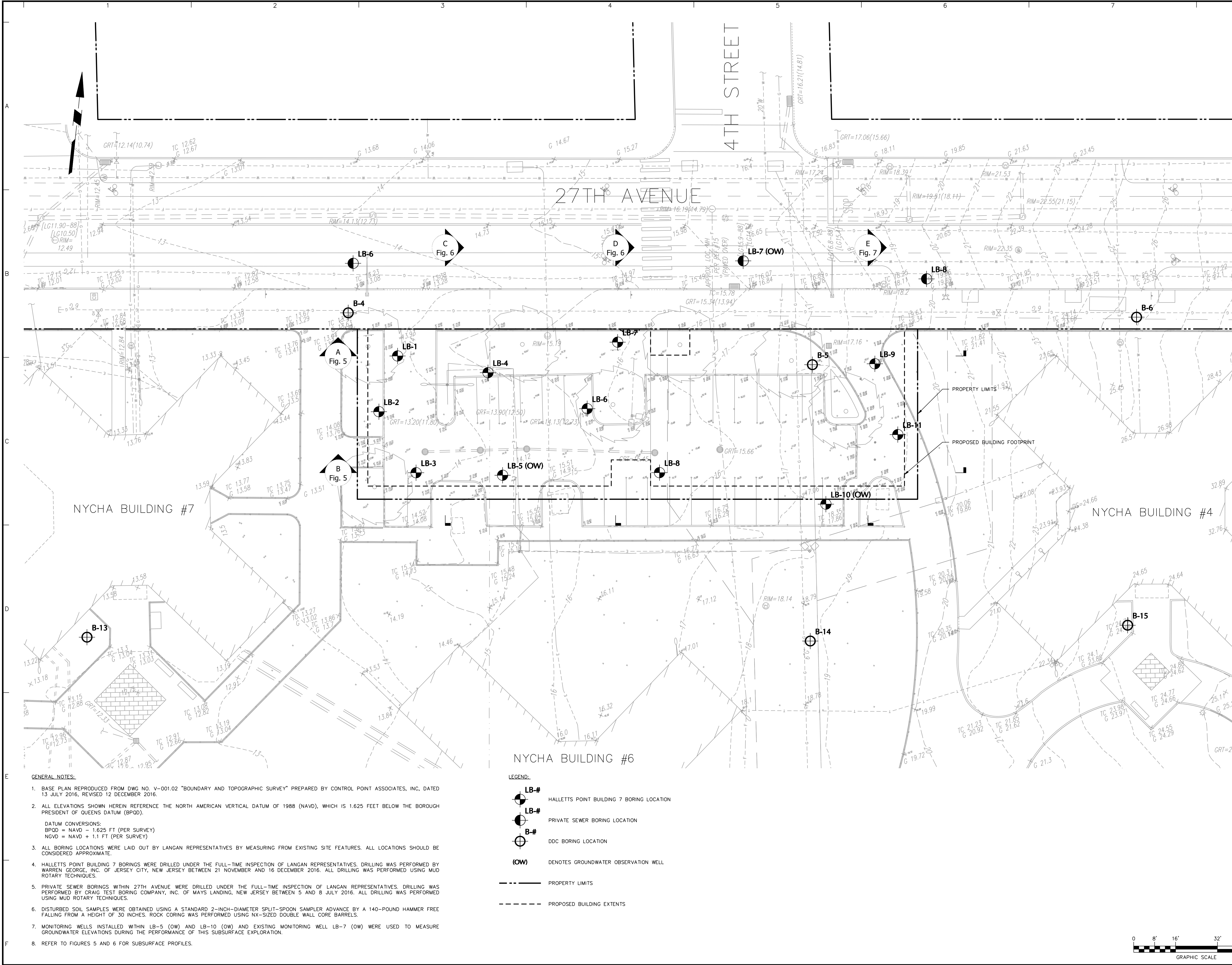
Date



P.E. / R.A. Seal (apply seal, then sign and date over seal)

Approvals - Internal Use Only

Examined and Recommended for Approval		Approved	
Examiner Name		Borough Commissioner Signature	Date
Signature	Date		



Date	Description	No.
REVISIONS		
SIGNATURE _____ DATE SIGNED _____		
PROFESSIONAL XXXXXXXXXXXX STATE LIC. No. XXXXX		
LANGAN 21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A. Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. Langan Engineering and Environmental Services, Inc. Langan CT, Inc. Langan International LLC Collectively known as Langan		
Project		
HALLETTS POINT BUILDING 7 BLOCK No. 490, LOT No. 80 & 90 ASTORIA QUEENSNEW YORK		
Drawing Title		
SUBSURFACE EXPLORATION PLAN		
Project No.		Figure
170296507		4
Date		
12/16/2016		
Scale		
1/16" = 1'-0"		
Drawn By	Checked By	
DEG	AJC	
Submission Date		Sheet 4 of 10
01/13/2017		