



February 19, 2018

Chick-fil-A, Inc.
5200 Bufington Road
Atlanta, Georgia 30349

Attn: Mr. Don Ikeler
P: [404] 305-4407
E: don.ikeler@chick-fil-a.com

Re: Geotechnical Engineering Report – Lot 1 Supplemental Investigation
Proposed Chick-fil-A #03686
Marysville, Washington
Terracon Project No: 81155034

Dear Mr. Ikeler:

Terracon Consultants, Inc. (Terracon) is issuing this addendum to the geotechnical engineering report completed on July 16, 2015, as part of the final design for the proposed Chick-fil-A (#03686) in Marysville, WA. The initial geotechnical investigation was focused on Lot 2 (i.e. south half of the site) although pavement design recommendations were presented for Lot 1. Chick-fil-A has requested the subsurface conditions of Lot 1 be investigated to confirm the assumed subsurface condition.

The services requested for the subsurface investigation and this addendum were performed under the Master Services Agreement (MSA) between Chick-fil-A, Inc. and Terracon, dated March 31, 2005.

Subsurface Conditions

Two test pits were performed within Lot 1 to a total depth of 5 feet for each. In TP-1, approximately 1 ½ feet of granular fill was observed. The fill was underlain by a relatively clean sand. This same sand unit was observed for the full test pit depth of TP-2. The test pits logs are included at the end of this addendum.

Pavement Design Recommendations

Based on the observations of TP-1 and TP-2, the pavement design recommendations presented in Section 4.7 of the geotechnical engineering report can be implemented as presented. The demolished foundations of the existing buildings should be backfilled as presented in Section 4.2 Earthwork.

Lot 1 Supplemental Investigation Addendum

Proposed Chick-fil-A #03686 ■ Marysville, Washington
February 19, 2018 ■ Terracon Project No. 81155034



General Comments

Terracon should be retained to review the final design plans and specifications so comments can be made regarding interpretation and implementation of our geotechnical recommendations in the design and specifications. Terracon also should be retained to provide observation and testing services during grading, excavation, foundation construction and other earth-related construction phases of the project.

This addendum has been prepared for the exclusive use of Chick-fil-A and their design consultants for specific application to the project discussed and has been prepared in accordance with generally accepted geotechnical engineering practices. No warranties, either express or implied, are intended or made. Site safety, excavation support, and dewatering requirements are the responsibility of others. In the event that changes in the nature, design, or location of the project as outlined in the geotechnical report and this letter are planned, the conclusions and recommendations contained in the report shall not be considered valid unless Terracon reviews the changes and either verifies or modifies the conclusions of the report in writing.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this letter, or if we may be of further service, please contact us.

Sincerely,
Terracon Consultants, Inc.

Zachary L. Koehn, P.E.
Senior Staff Engineer

David A. Baska, Ph.D., P.E.
Senior Engineering Consultant

Attachments:

Exploration Plan
Test Pit Logs for TP-1 and TP-2

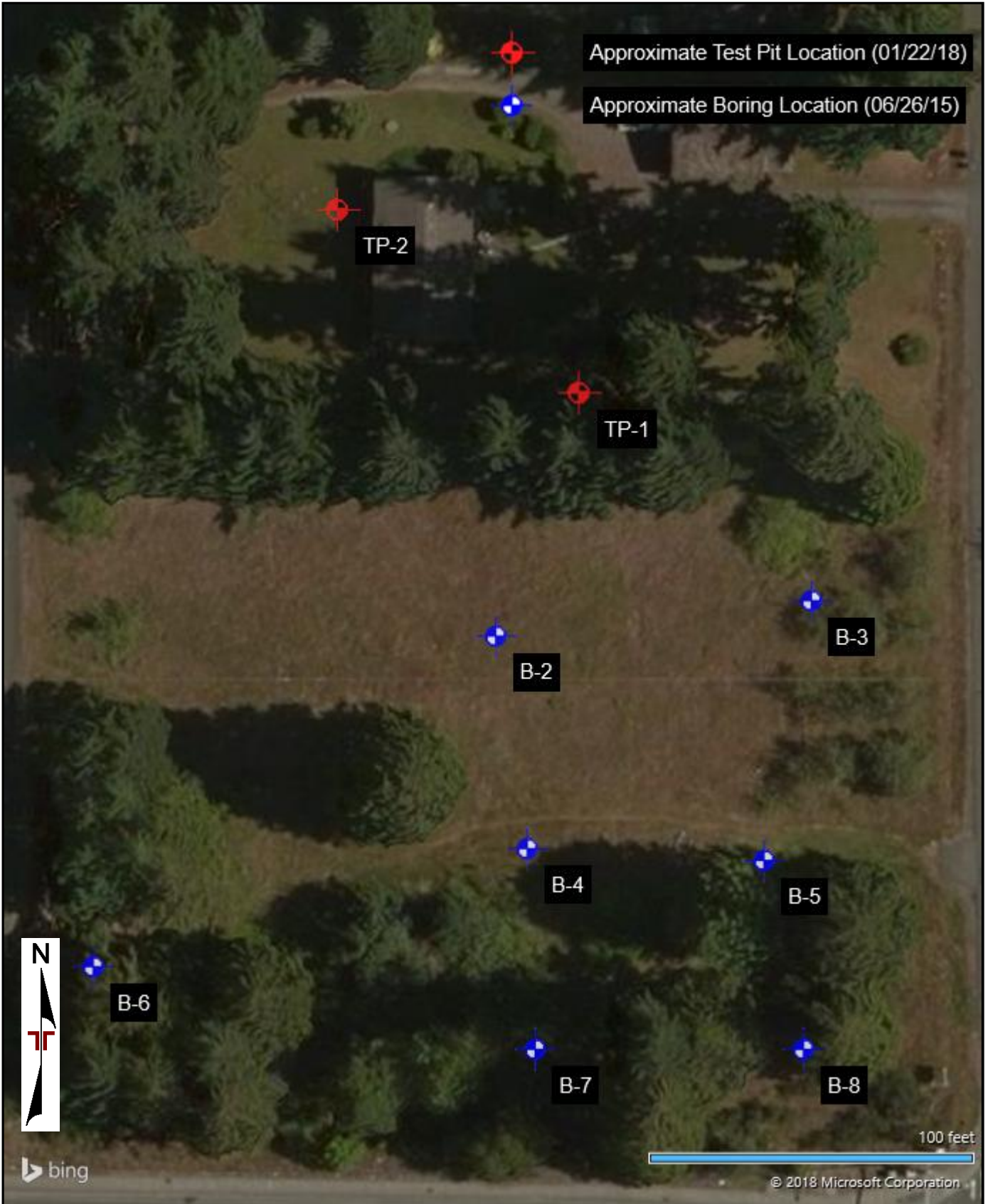


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

Project Manager:	EDK
Drawn by:	ZLK
Checked by:	DAB
Approved by:	DAB

Project No.	81155034
Scale:	AS SHOWN
File Name:	Exp. Plan
Date:	2/19/2018

Terracon
 21905 64th Ave W Ste 100
 Mountlake Terrace, WA 98043-2251

EXPLORATION PLAN

Marysville CFA
 8811 35th Ave. NE
 Marysville, WA

Exhibit	1
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TEST PIT LOG NO. TP-1

PROJECT: Marysville CFA

**CLIENT: Chick-fil-A, Inc.
Atlanta, Georgia**

**SITE: 8811 35th Avenue
Marysville, Washington**

GRAPHIC LOG	LOCATION	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	SAMPLE NUMBER
	Latitude: 48.076486° Longitude: -122.183073° Approximate Surface Elev: 36 (Ft.) +/- ELEVATION (Ft.)					
DEPTH						
1.5	POORLY GRADED SAND WITH GRAVEL AND SILT (SP-SM) , gray to grayish-brown, dry to moist (fill)	34.5+/-				S-1
5.0	POORLY GRADED SAND (SP) , trace gravel, light yellowish-brown, dry to moist 1/4-inch to 1-inch rootlets	31+/-				S-2
	Test Pit Terminated at 5 Feet	5				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method: Backhoe		Notes: Surface elevation estimated from Google Earth Imagery 2018	
Abandonment Method: Test pits backfilled with native material and plate compactor	See Appendix C for explanation of symbols and abbreviations.		
WATER LEVEL OBSERVATIONS	Terracon	Test Pit Started: 01-22-2018	Test Pit Completed: 01-22-2018
	21905 64th Ave W Ste 100 Mountlake Terrace, WA	Excavator:	Operator: Clear Creek Contractors
		Project No.: 81155034	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. GEO SMART LOG-NO WELL_81155034 - MARYSVILLE CFA - TEST PITS.GPJ TERRACON_DATATEMPLATE.GDT 2/19/18

TEST PIT LOG NO. TP-2

PROJECT: Marysville CFA

**CLIENT: Chick-fil-A, Inc.
Atlanta, Georgia**

**SITE: 8811 35th Avenue
Marysville, Washington**

GRAPHIC LOG	LOCATION	DEPTH (Ft.)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	FIELD TEST RESULTS	SAMPLE NUMBER
	Latitude: 48.076641° Longitude: -122.183379° Approximate Surface Elev: 35 (Ft.) +/- ELEVATION (Ft.)					
5.0	POORLY GRADED SAND (SP) , trace gravel, light yellowish-brown, dry to moist	5				S-1
	Test Pit Terminated at 5 Feet	30+/-				

Stratification lines are approximate. In-situ, the transition may be gradual.

Advancement Method: Backhoe		Notes: Surface elevation estimated from Google Earth Imagery 2018	
Abandonment Method: Test pits backfilled with native material and plate compactor	See Appendix C for explanation of symbols and abbreviations.		
WATER LEVEL OBSERVATIONS	Terracon	Test Pit Started: 01-22-2018	Test Pit Completed: 01-22-2018
	21905 64th Ave W Ste 100 Mountlake Terrace, WA	Excavator:	Operator: Clear Creek Contractors
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